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SEARCH REQUEST FORM

Scientific and Technical Information Center

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Requester's Full Name:	Îd Desa	Examiner # • 7 · · · !	Data
Art Unit: 2012	Phone Number 30	Examiner #: 6.7 1	Date.
Mail Box and Bldg/Room I	_ocation:	Results Format Preferred (circle):	PAPER DISK E-MAIL
If more than one search i	S Submitted, nlease nr	ioritize searches in order of ne	
Please provide a detailed stateme Include the elected species or str	ent of the search topic, and de actures, keywords, synonyms my terms that may have a spe	escribe as specifically as possible the sub s, acronyms, and registry numbers, and c	ject matter to be searched.
Title of Invention:			
Inventors (please provide full n	ames):		
Earliest Priority Filing Date	:		
For Sequence Searches Only Ple		nation (parent, child, divisional, or issued po	stant norm hand along a list of
appropriate serial number.	· ·	-anon (parem, enua, aivisionai, or issuea pe	tent numbers) along with the
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STAFF USE ONLY	Type of Search	Vendors and cost who	ere applicable
Searcher:	NA Sequence (#)		
Searcher Phone #:	AA Sequence (#)	Dialog	
Searcher Location:	Structure (#)		
Date Searcher Picked Up:	Bibliographic		
Date Completed:	Litigation		
Searcher Prep & Review Time:		Sequence Systems	-
Clerical Prep Time:	Patent Family		
Online Time:	Other	04(

PTO-1590 (1-2000)

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DIALOG(R) File 345: Inpadoc/Fam. & Legal Stat
(c) 2001 EPO. All rts. reserv.
14464905
Basic Patent (No, Kind, Date): EP 506400 A2 19920930 < No. of Patents: 276>
PATENT FAMILY:
AUSTRALIA (AU)
  Patent (No, Kind, Date): AU 9335520 Al 19930930
    COMMUNICATION SYSTEM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI
                                                19920326; JP 92256070 A
    Priority (No, Kind, Date): JP 9267934 A
      19920925
    Applic (No, Kind, Date): AU 9335520 A 19930326
                  H04L-027/36;
                                 HO4L-027/38;
                                                H04N-007/20; H04N-005/40;
      H04N-005/455; H04L-027/34; G11B-020/12
    Language of Document: English
  Patent (No, Kind, Date): AU 9459052 Al 19941020
    COMPATIBLE HDTV SATELLITE BROADCASTING SYSTEM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI
    Priority (No, Kind, Date): JP 9366461 A
                                                19930325; JP 93132984 A
      19930510; JP 93261612 A 19930924; JP 93349972 A
                                                           19931227
    Applic (No, Kind, Date): AU 9459052 A 19940325
                 HO4N-007/20; HO4N-007/12; HO4N-005/40;
    IPC:
                                                               HO4N-005/455;
      H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00
    Derwent WPI Acc No: ; G 94-342258
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  Patent (No, Kind, Date): AU 655539 B2 19941222
    COMMUNICATION SYSTEM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI
    Priority (No, Kind, Date): JP 9267934 A
                                                 19920326; JP 92256070 A
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                  H04L-027/36;
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                               H04L-027/38;
                                                H04N-007/20; H04N-005/40;
      H04N-005/455; H04L-027/34; G11B-020/12
    Derwent WPI Acc No: * G 93-305235; G 94-103292 JAPIO Reference No: * 180486E000144
    Language of Document: English
  Patent (No, Kind, Date): AU 660123 B2 19950608
    COMMUNICATION SYSTEM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI
      lority (No, Kind, Date): JP 9366461 A 19930510; JP 93261612 A 19930924
    Priority (No, Kind, Date):
                                                 19930325; JP 93132984 A
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                                                             H04N-005/455;
      H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00
    Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258 Language of Document: English
CANADA (CA)
  Patent (No, Kind, Date): CA 2092495 AA 19930927
    COMMUNICATION SYSTEM (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 9267934 A
                                                19920326; JP 92256070 A
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    Applic (No, Kind, Date): CA 2092495 A
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    IPC: * H04B-007/24; H04N-005/76; H04N-009/80
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  Patent (No, Kind, Date): CA 2106919 AA 19940326
    COMMUNICATION SYSTEM (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
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Priority (No, Kind, Date): JP 92256070 A 19920925; JP 9366461 A
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   IPC: * H04J-004/00
   Derwent WPI Acc No: * G 93-305235
   Language of Document: English
 Patent (No, Kind, Date): CA 2113842 AA 19940722
   RECORDING AND REPRODUCING APPARATUS (English; French)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
                  (JP); YOSHIURA TSUKASA
                                             (JP); MATSUURA TAKUMI (JP);
       TOSHIKAZU
     TANAKA MITIRO (JP); TAN SATOSHI (JP)
                              JP 938596 A
                                                 19930121; JP 9392219 A
   Priority (No, Kind, Date):
       19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
      93297504 A 19931102; JP 93314114 A 19931119
   Applic (No, Kind, Date): CA 2113842 A 19940119
   IPC: * G11B-007/24; G11B-007/125; G11B-005/10
   Derwent WPI Acc No: * G 93-313529
   Language of Document: English
  Patent (No, Kind, Date): CA 2113877 AA 19940722
   INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
      (English; French)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
           (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                      (JP):
   Author
      USHIGOME HISASHI (JP)
   Priority (No, Kind, Date): JP 938596
                                                 19930121; JP 9392219 A
                                           Α
       19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
      93297504 A 19931102; JP 93314114 A 19931119
   Applic (No, Kind, Date): CA 2113877 A
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    IPC: * G11B-007/24; G11B-007/26
    Derwent WPI Acc No: * G 93-313529
    Language of Document: English
 Patent (No, Kind, Date): CA 2119983 AA 19940926 COMMUNICATION SYSTEM (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9366461 A 19930325; JP 931329
19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
                                               19930325; JP 93132984 A
   Applic (No, Kind, Date): CA 2119983 A 19940325
   IPC: * H04N-007/12
   Derwent WPI Acc No: * G 94-103292
   Language of Document: English
  Patent (No, Kind, Date): CA 2226398 AA 19940722
    INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
      (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): USHIGOME HISASHI
                                            (JP); KOMODA HIDEAKI
     OSHIMA MITSUAKI (JP)
                               CA 2113877
                                            A3
                                                 19940120; JP 938596 A
    Priority (No, Kind, Date):
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       93205682
                Α
                    19930727; JP 93297504 A
                                               19931102; JP 93314114 A
      19931119
   Applic (No, Kind, Date): CA 2226398 A 19940120
   IPC: * G11B-007/00; G11B-007/28
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
   Language of Document: English
CHINA (CN)
  Patent (No, Kind, Date): CN 1066946 A
                                        19921209
    DIGITAL COMMUNICATION SYSTEM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUAKI OSHIMA (JP)
    Priority (No, Kind, Date): JP 9162798 A
                                               19910327; JP 91182236 A
      19910723
   Applic (No, Kind, Date): CN 92102955 A
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    IPC: * H04B-001/00; H04N-007/13
    Derwent WPI Acc No: * G 92-325674
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Language of Document: Chinese
Patent (No, Kind, Date): CN 1075024 A
 RECORDING/REPRODUCING EQUIPMENT (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809 A
                                             19920129; JP 92280874 A
   19920925
 Applic (No, Kind, Date): CN 93100918 A
                                         19930128
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1076816 A
                                      19930929
 SYSTEM OF COMMUNICATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): TAISHIMA MITSUTERU (JP)
 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92246070 A
   19920925
 Applic (No, Kind, Date): CN 93102721 A
                                        19930325
 IPC: * H04B-007/00; H04N-007/12; H04N-011/00
 Derwent WPI Acc No: * G 93-305235
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1085680 A
                                      19940420
 RECORD REPLAYING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                       OSHIMA MITSUAKI
                                         (JP); TANAKA MICHIRO
   SHIMIZU RYOSUKE (JP)
 Priority (No, Kind, Date):
                            JP 938596
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                                              19930121; JP 9268031 A
    19920326; JP 92111176 A 19920430; JP 92194450 A
                                                          19920722; JP
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                  19920925; JP 92282666 A
                                             19921021; JP 92331300 A
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 Applic (No, Kind, Date): CN 93105219 A
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 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
   180618P000070
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1096389 A
                                      19941214
 RECORDING AND REPRODUCING APPTS. (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE
                                                           (JP); KOUDO
   TOSHIKAZU (JP)
                                             19930121; JP 93314114 A
                            JP 938596
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 Priority (No, Kind, Date):
   19931119
 Applic (No, Kind, Date): CN 94101055 A
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 IPC: * G11B-011/12
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   94-250560
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1098810 A
                                      19950215
 APPARATUS FOR REGENERATION OF RECORDING AND RECORDING MEDIUM AND
   MANUFACTURE OF SAME (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                         (JP); KOMODA HIDEAKI
                                                                  (JP);
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date):
                                             19930121; JP 93314114 A
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 Applic (No, Kind, Date): CN 94101336 A
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 IPC: * G11B-007/24; G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1099544 A
                                      19950301
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A 19930325; JP 93261612 A
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Applic (No, Kind, Date): CN 94103352 A 19940325
 IPC: * HO4N-007/08; HO4L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1119895 A
                                     19960403
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 93335165 A 19931228; JP 94299508 A
   19941202
 Applic (No, Kind, Date): CN 94191566 A
                                         19941228
 Derwent WPI Acc No: * G 95-246541
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1127049 A
                                      19960717
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
   INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
   19941117
 Applic (No, Kind, Date): CN 95190313 A 19950418
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1138915 A 19961225
 MARKING GENERATING APPTS., METHOD OF FORMING LASER MARKING ON OPTICAL
   DISK, REPRODUCING APPTS., OPTICAL DISK AND OPTICAL DISK PRODUCING
   METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC INDUTRIAL (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHO GOTOH
  Priority (No, Kind, Date):
                           JP 94283415 A
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 Applic (No, Kind, Date): CN 95191218 A
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 Derwent WPI Acc No: * G 95-373939; G 96-268785
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1166223 A
                                      19971126
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL PRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIO GOTOH (JP); SHINICHI
   TANAKA (JP)
                            JP 96211304 A
                                             19960809; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): CN 96191182 A
                                        19961008
        G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1173942 A
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 OPTICAL DISK, OPTICAL REOCORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHHO GOTOH
                                                                  (JP);
   SHINICHI TANAKA (JP)
 Priority (No, Kind, Date):
                            JP 95261247
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                                               19951009; JP 968910 A
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 Applic (No, Kind, Date): CN 96191826 A
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  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Chinese
Patent (No, Kind, Date): CN 1250278 A
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TELECOMMUNICATION SYSTEM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUTERU DAIJIMA (JP)
                                                 19930325; JP 93132984 A
   Priority (No, Kind, Date): JP 9366461 A
      19930510; JP 93261612 A 19930924
   Applic (No, Kind, Date): CN 99108470 A
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   Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
   Language of Document: Chinese
  Patent (No, Kind, Date): CN 1032099 B
    SYSTEM OF COMMUNICATION (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): TAISHIMA MITSUTERU (JP)
   Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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   Applic (No, Kind, Date): CN 93102721 A
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   JAPIO Reference No: * 180486E000144
    Language of Document: Chinese
  Patent (No, Kind, Date): CN 1036952 B
                                           19980107
    RECORD REPLAYING APPARATUS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): MITSUAKI OSHIMA (JP); MICHIRO TANAKA
                                                                        (JP):
      RYOSUKE SHIMIZU (JP)
    Priority (No, Kind, Date):
                                                   19930121; JP 9268031 A
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       19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
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    IPC: * G11B-013/04
    Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
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    JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
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    Language of Document: Chinese
  Patent (No, Kind, Date): CN 1045036 B
                                           19990908
    TRANSMISSION APPARATUS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): MITSUAKI OSHIMA (JP)
    Priority (No, Kind, Date): JP 9162798 A 19910327; JP 911823
19910723; JP 91155650 A 19910529; JP 9195813 A 19910425
                                                 19910327; JP 91182236 A
    Applic (No, Kind, Date): CN 92102955 A
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   IPC: * H04B-001/00; H04N-007/13

Derwent WPI Acc No: * G 92-325674; G 97-195354

JAPIO Reference No: * 180152E000002
    Language of Document: Chinese
GERMANY (DE)
  Patent (No, Kind, Date): DE 69223541 CO 19980129
    SIGNALUEBERTRAGUNGSSYSTEM (German)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
      19910425; JP 91155650 A
                                 19910529; JP 91182236 A
                                                             19910723; JP
      9260739 A
                   19920317
    Applic (No, Kind, Date): DE 69223541 A
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    IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
    Derwent WPI Acc No: * G 92-325674; G 97-195354 JAPIO Reference No: * 180152E000002
    Language of Document: German
  Patent (No, Kind, Date): DE 69426795 CO 20010412
    AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 93205682 A
                                                19930727; JP 94104879 A
      19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
      93314114 A 19931119
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   ; G11B-023/28
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   95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
   01-018026
 Language of Document: German
Patent (No, Kind, Date): DE 69610859 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
    19960123
 Applic (No, Kind, Date): DE 69610859 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69610860 CO 20001207
 OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
    (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610860 A
                                        19960515
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610861 CO 20001207
  OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                          (JP); TANAKA
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
    19960123
  Applic (No, Kind, Date): DE 69610861 A
                                          19960515
         G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69611906 CO 20010405
  OPTISCHE PLATTE MIT STRICHKODE (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
    19960123; WO 96JP1303 W
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  Applic (No, Kind, Date): DE 69611906 A
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  IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
    G11B-020/00; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69613010 CO 20010628
  OPTISCHES AUFZEICHNUNGSGERAET (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI
              (JP)
  Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
    19960123; JP 96211304 A 19960809
  Applic (No, Kind, Date): DE 69613010 A
                                          19961008
         G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
  IPC: *
    ; G06F-001/00; G11B-019/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: German
Patent (No, Kind, Date): DE 69613011 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
    19960123; JP 96211304 A
                              19960809
  Applic (No, Kind, Date): DE 69613011 A
                                         19961008
         G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69223541 T2 19980409
  SIGNALUEBERTRAGUNGSSYSTEM (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): JP 9162798 A
                                          19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A
                                                        19910723; JP
                19920317
    9260739 A
  Applic (No, Kind, Date): DE 69223541 A
                                         19920326
  IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354 JAPIO Reference No: * 180152E000002
  JAPIO Reference No: *
  Language of Document: German
Patent (No, Kind, Date): DE 69610859 T2 20010315
  OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                           (JP); TANAKA
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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  Applic (No, Kind, Date): DE 69610859 A
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         G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69610860 T2 20010315
  OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
    (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                           (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
    19960123
  Applic (No, Kind, Date): DE 69610860 A 19960515
         G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69610861 T2 20010315
  OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                           (JP); TANAKA
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
    19960123
  Applic (No, Kind, Date): DE 69610861 A 19960515
          G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
  IPC: *
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: German
Patent (No, Kind, Date): DE 69611906 T2 20010621
  OPTISCHE PLATTE MIT STRICHKODE (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                           (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
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Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A

19960123; WO 96JP1303 W 19960515

Applic (No, Kind, Date): DE 69611906 A 19960515

IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;

G11B-020/00; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German

GERMANY (DE)

Legal Status (No, Type,	Date, Code,	Text):	
DD COOOSE 4.1	_	10000100	DD DDD	

DE 69223541 P 19980129 DE REF CORRESPONDS TO (ENTSPRICHT)

		EP	506400	Ρ	19980129
2235/1	Ď	19980/09	DF 837	7	TRANCLZ

DE 69223541 P 19980409 DE 8373 TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER

PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST

EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69223541 P 19990121 DE 8364 NO OPPOSITION DURING TERM OF
OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE

DASS EINSPRUCH ERHOBEN WURDE)
DE 69426795 P 20010412 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 637016 P 20010412

DE 69610859 P 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1003162 P 20001207

DE 69610859 P 20010315 DE 8373 TRANSLATION OF PATENT

DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER

PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

DE 69610860 P 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1005034 P 20001207

DE 69610860 P 20010315 DE 8373 TRANSLATION OF PATENT

DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER

PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

DE 69610861 P 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1005035 P 20001207

DE 69610861 P 20010315 DE 8373 TRANSLATION OF PATENT

DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER

PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

DE 69611906 P 20010405 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 807929 P 20010405

DE 69611906 P 20010621 DE 8373 TRANSLATION OF PATENT

DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER

PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

DE 69613010 P 20010628 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1005026 P 20010628

DE 69613011 P 20010628 DE REF CORRESPONDS TO (ENTSPRICHT)

EP 1005027 P 20010628

EUROPEAN PATENT OFFICE (EP)

Patent (No, Kind, Date): EP 562875 A1 19930929

MULTIRESOLUTION QAM SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

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Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): EP 93302369 A
                                        19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13
 Derwent WPI Acc No: ; G 93-305235
 Language of Document: English
Patent (No, Kind, Date): EP 617531 Al 19940928
 MULTIRESOLUTION TRANSMISSION SYSTEM. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                            19930325; JP 93132984 A
    19930510; JP 93261612 A 19930924
 Applic (No, Kind, Date): EP 94302149 A
                                         19940324
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/34; H04L-005/06; H04L-027/18; H04N-007/13
  Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    94-311606
 Language of Document: English
Patent (No, Kind, Date): EP 689200 A1 19951227
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
    REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINA L
    DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
    19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
    94156089 A
                 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
 TPC:
              G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00;
   G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A1 19960410
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
    French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
                                             19950418; JP 94104879 A
 Priority (No, Kind, Date): WO 95JP760 W
    19940418; JP 94283415 A
                                 19941117; JP 94327963 A 19941228; JP
               19950201; JP 9516865 A
    9515318 A
                                         19950203
 Applic (No, Kind, Date): EP 95915345 A
                                         19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
    ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
    96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 Al 19961106
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
                                             19951116; JP 94283415 A
                            WO 95JP2339 W
 Priority (No, Kind, Date):
                           19950202; JP 95261247 A
   19941117; JP 9516153 A
                                                      19951009
 Applic (No, Kind, Date): EP 95938017 A
                                          19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
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Patent (No, Kind, Date): EP 802527 Al 19971022
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
             (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): WO 96JP2924 W 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 A1 19971119
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
   REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR
   OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English; French;
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): WO 96JP1303 W 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 96915172 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 971345 A1 20000112
          DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
 OPTICAL
   INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
   DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
   RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
   RECORDING DEVICE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA M (JP); KONISHI SHINICHI (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH
    SHIN-ICHI
              (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
    YOSHIHO
   MURAKAMI MOTOYOSHI (JP)
 Priority (No, Kind, Date): WO 97JP4664 W 19971217; JP 96339304 A
   19961219; JP 979318 A 19970122; JP 97259110 A
                                                     19970924
 Applic (No, Kind, Date): EP 97949124 A 19971217
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G11B-011/10; G11B-007/00; G06F-012/14
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): EP 973335 Al 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A 19910723; JP 9260739 A
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              Α
   19920317
 Applic (No, Kind, Date): EP 99119278 A
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 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-108239
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975168 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
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Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
    91155650 A
   19920317
 Applic (No, Kind, Date): EP 99119266 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184726
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975169 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A
                                              19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121006 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184727
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975170 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
              Α
                    19910529; JP 91182236 A
    91155650
                                              19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121007 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184728
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975171 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A
                                              19910723; JP 9260739 A
    91155650
               Α
   19920317
 Applic (No, Kind, Date): EP 99121008 A
                                        19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-118426
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975172 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
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Applic (No, Kind, Date): EP 99121024 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184729
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975173 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A
                                19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A
                                             19910723; JP 9260739 A
    91155650
   19920317
 Applic (No, Kind, Date): EP 99121025 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184730
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975174 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                                              19910723; JP 9260739 A
    91155650
                   19910529; JP 91182236 A
              Α
   19920317
 Applic (No, Kind, Date): EP 99121026 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1003162 A1 20000524
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000103257 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005023 A1
                                      20000531
                                      THE REPRODUCTION OF ENCRYPTED
          REPRODUCING
                                FOR
 OPTICAL
                        DEVICE
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
                            EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                     19960809
 Applic (No, Kind, Date): EP 2000102965 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: English
Patent (No, Kind, Date): EP 1005024 A1 20000531
 OPTICAL
          REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
                           19960123; JP 96211304 A 19960809
   19951009; JP 968910 A
 Applic (No, Kind, Date): EP 2000102966 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005025 Al 20000531
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A
                           19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102967 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005026 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
   PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102968 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005027 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
   PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102969 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005028 A1 20000531
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
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Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102971 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005033 Al 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
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   19951009; JP 968910 A
 Applic (No, Kind, Date): EP 2000101774 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 A1 20000531
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000101775 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005035 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                           (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
                          19960123
   19951009; JP 968910 A
 Applic (No, Kind, Date): EP 2000104818 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
   IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006516 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
                            EP 96915172 A3 19960515; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A
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 Applic (No, Kind, Date): EP 2000105014 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006517 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000106447 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1024478 Al 20000802
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102970 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1028422 A1 20000816
 AN OPTICAL DISK, AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000109898 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English
Patent (No, Kind, Date): EP 1028423 A1 20000816
 AN OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTORING AN OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000109899 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1030297 A1 20000823
 AN OPTICAL DISK AND AN OPTICAL DISK RECORDING METHOD (English; French;
   German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000110461 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: English
Patent (No, Kind, Date): EP 1031974 A1 20000830
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000112310 A
                                             19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent | WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1049334 Al 20001102
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A
                                  19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A
                                               19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 2000114691 A
                                            19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * HO4N-007/24; HO4L-027/34; HO4N-007/04
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A2 19920930
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No, Kind, Date): JP 9162798
                                          A 19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
                19920317
 Applic (No, Kind, Date): EP 92302627 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: ; G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A2 19930811
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809
                                               19920129; JP 9242558 A
                                          Α
                                 19920309; JP 9268031 A 19920326; JP
    19920228; JP 9250328 A
    92111176
                   19920430; JP 92194450 A
                                             19920722; JP 92280874 A
               Α
   19920925
 Applic (No, Kind, Date): EP 93300695 A
                                         19930129
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: ; G 93-251292
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A2 19931006
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                          (JP); TANAKA MICHIRO
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU
                                          (JP)
 Priority (No, Kind, Date): JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A 19921211; JP 938596 A
   19930121
 Applic (No, Kind, Date): EP 93302365 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
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IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: ; G 93-313529
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A2 19940330
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 92256070 A
                                             19920925; JP 9366461 A
   19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235
 Language of Document: English
Patent (No, Kind, Date): EP 608126 A2 19940727
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      OSHIMA MITSUAKI
                                        (JP); KOMODA HIDEAKI
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): JP 938596
                                       Α
                                             19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A
   93297504 A
               19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; C
     94-236841
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A2 19940803
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
    TOSHIKAZU
               (JP); YOSHIURA TSUKASA
                                         (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date):
                           JP 938596 A
                                             19930121; JP 9392219 A
                                19930409; JP 93205682 A 19930727; JP
    19930325; JP 93107423 A
   93297504 A 19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G
     94-242360
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A2 19940810
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
                                        A 19930121; JP 93205682 A
 Priority (No, Kind, Date):
                            JP 938596
   19930727; JP 92321063 A
                            19921201
 Applic (No, Kind, Date): EP 93309619 A 19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 637016 A2 19950201
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A 19930727; JP 94104879 A
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19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
   93314114 A
               19931119
 Applic (No, Kind, Date): EP 94305557 A
                                       19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026; G 95-116722
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A2 19970402
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                           EP 92302627 A3 19920326; JP 9162798 A
    19910327; JP 9195813 A
                                19910425; JP 91155650 A 19910529; JP
   91182236 A
                19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): EP 96119060 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 833319 A2 19980401
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
    TOSHIKAZU
               (JP); YOSHIURA TSUKASA
                                        (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): EP 94300402
                                         A3 19940119; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A
                                                        19930409; JP
             A 19930727; JP 93297504 A 19931102; JP 93314114 A
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   19931119
 Applic (No, Kind, Date): EP 97118775 A
                                       19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G
     98-181451
 Language of Document: English
Patent (No, Kind, Date): EP 844611 A2 19980527
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                (JP):
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): EP 94300403 A3 19940119; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
                 19930727; JP 93297504 A
             Α
                                            19931102; JP 93314114 A
    93205682
   19931119
 Applic (No, Kind, Date): EP 98100524 A
                                       19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/007; G11B-007/24
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 844612 A2 19980527
 APPARATUS FOR REPRODUCING INFORMATION FROM AN OPTICAL DISC (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                (JP):
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date):
                           EP 94300403
                                         A3 19940119; JP 938596 A
    19930121; JP 9392219 A
                                19930325; JP 93107423 A 19930409; JP
                  19930727; JP 93297504 A 19931102; JP 93314114 A
    93205682
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   19931119
 Applic (No, Kind, Date): EP 98100525 A
                                        19940119
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/24; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1035693 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035694 A2 20000913
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A
   19920925; JP 9366461 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114573 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-005/44
 Derwent WPI Acc No: ; G 01-063437
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A2 20000913
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: ; G 01-063438
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A
   19920925; JP 9366461 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114577 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/34; H04L-027/26; H04L-027/18; H04N-007/24
 Derwent WPI Acc No: ; G 01-063439
 Language of Document: English
Patent (No, Kind, Date): EP 1035697 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A 19930510
    19920925; JP 9366461 A
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Applic (No, Kind, Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/34; H04L-027/18; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: ; G 01-063440
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/34; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: ; G 01-063441
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 00-589072
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A2
                                       20000927
 MULTIRESOLUTION
                   TRANSMISSION
                                AND
                                      ERROR
                                               CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 00-589073
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039674 A2
                                       20000927
 MULTIRESOLTION
                  TRANSMISSION
                               AND
                                       ERROR
                                              CORRECTION
                                                           CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114690 A
                                          19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
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00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 00-589074
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 00-589075
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114694 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 00-589076
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A2 20000927
                                AND
                                      ERROR CORRECTION CODING, WITH
 MULTIRESOLUTION TRANSMISSION
   MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589077
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039678 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114697 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-
    580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
    00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
      01-063441; G 00-580985
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                    (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114698 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589078
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 A2
                                      20000927
 MULTIRESOLUTION
                   TRANSMISSION
                                 AND
                                       ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114699 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-580986
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A2
                                      20000927
 MUTLIRESOLUTION
                  TRANSMITION
                               AND
                                      ERROR
                                             CORRECTION CODING, WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114701 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-580987
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039682 A2 20000927
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MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114702 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-580988
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1045541 A2
                                      20001018
 MULTIRESOLUTION
                   TRANSMISSION
                                AND
                                              CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114700 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049282 A2 20001102
 MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
   German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                      19930510
 Applic (No, Kind, Date): EP 2000114574 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049283 A2 20001102
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114693 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
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00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
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      00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A2 20001102
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114695 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1050879 A2 20001108
 RECORDING AND REPRODUCING APPARATUS WITH MEANS FOR ENCRYPTION OF
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 94305557 A3 19940727; JP 93205682 A
    19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
   93297504 A
                 19931102; JP 93314114 A
                                         19931119
 Applic (No, Kind, Date): EP 2000115017 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-013/04; G11B-019/02
   ; G11B-023/28
 Derwent WPI Acc No: ; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A3 19930526
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
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 Applic (No, Kind, Date): EP 92302627 A
                                       19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: * G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A3 19951115
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809
                                              19920129; JP 9242558 A
                                         Α
                                 19920309; JP 9268031 A 19920326; JP
    19920228; JP 9250328
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                   19920430; JP 92194450 A 19920722; JP 92280874 A
    92111176
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   19920925
 Applic (No, Kind, Date): EP 93300695 A
                                       19930129
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: *
                          180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A3 19951206
  RECORDING AND REPRODUCING APPARATUS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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OSHIMA MITSUAKI
 Author (Inventor):
                                         (JP); TANAKA MICHIRO
                                                                  (JP);
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 938596 A
                                              19930121; JP 9268031 A
    19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
             A 19920925; JP 92282666 A 19921021; JP 92331300 A
    92280874
   19921211
 Applic (No, Kind, Date): EP 93302365 A
                                        19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
   180618P000070
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A3 19940928
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
                    MATSUSHITA ELECTRIC IND CO LTD (DE); MATSUSHITA
 Patent Assignee:
   ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                             19930325; JP 93132984 A
   19930510; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 93307575 A
                                        19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 608126 A3 19951129
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                  (JP);
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date):
                            JP 938596 A
                                             19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
   93297504 A 19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A3 19951129
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
                (JP); YOSHIURA TSUKASA
    TOSHIKAZU
                                          (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
                                              19930121; JP 9392219 A
 Priority (No, Kind, Date): JP 938596 A
    19930325; JP 93107423 A
                                19930409; JP 93205682 A 19930727; JP
                 19931102; JP 93314114 A 19931119
   93297504 A
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
                               94-236841; G 93-313529; G 94-242360; G
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A3 19961211
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
 Priority (No, Kind, Date): JP 938596
                                             19930121; JP 93205682 A
                                          Α
    19930727; JP 92321063 A 19921201
 Applic (No, Kind, Date): EP 93309619 A
                                         19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 637016 A3 19950830
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A
                                             19930727; JP 94104879 A
     19940418; JP 94156089 A 19940707; JP 93297504 A
    93314114 A
                 19931119
 Applic (No, Kind, Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
     95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
      01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A3 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A
                                 19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813 A
    91182236 A 19910723; JP 9260739 A
                                          19920317
 Applic (No, Kind, Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1035693 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                            19930325; JP 93132984 A
   19920925; JP 9366461 A
                                                        19930510
 Applic (No, Kind, Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
     00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035694 A3 20001206
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
                            19930325; JP 93132984 A
 19920925; JP 9366461 A 19930325; JP 93132984 Applic (No, Kind, Date): EP 2000114573 A 19930924
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                           EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                     19930510
 Applic (No, Kind, Date): EP 2000114575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                      19930510
 Applic (No, Kind, Date): EP 2000114577 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035697 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                      19930510
 Applic (No, Kind, Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                           EP 93307575 A3 19930924; JP 92256070 A
 Priority (No, Kind, Date):
   19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
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; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A3
                                       20001206
 MULTIRESOLUTION
                   TRANSMISSION
                                AND
                                               CORRECTION CODING WITH
                                       ERROR
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039674 A3
                                       20001206
 MULTIRESOLTION
                 TRANSMISSION
                               AND
                                       ERROR
                                              CORRECTION
                                                           CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                  (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
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Applic (No, Kind, Date): EP 2000114692 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114694 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G
      00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A3 20001206
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR CORRECTION CODING,
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                 (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114697 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A3 20001206
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MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114698 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 A3
                                      20001206
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                       ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114699 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A3
                                      20001206
 MUTLIRESOLUTION
                   TRANSMITION
                               AND
                                              CORRECTION CODING,
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114701 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   : HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039682 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114702 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
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Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1045541 A3
                                      20001206
 MULTIRESOLUTION
                   TRANSMISSION AND
                                      ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114700 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049282 A3 20001206
 MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114574 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049283 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114693 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
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19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114695 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 689200 A4 19960529
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
    19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
               19940707; JP 94299508 A 19941202
   94156089 A
 Applic (No, Kind, Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
 IPC:
             G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00;
   G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A4 19970702
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
                                            19950418; JP 94104879 A
 Priority (No, Kind, Date): WO 95JP760 W
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
              19950201; JP 9516865 A 19950203
   9515318 A
 Applic (No, Kind, Date): EP 95915345 A
                                       19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 A4 19970702
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP2339 W 19951116; JP 94283415 A
   19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): EP 95938017 A
                                        19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 802527 A4 19971210
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
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Priority (No, Kind, Date): WO 96JP2924 W 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 A4 19971210
 Priority (No, Kind, Date): WO 96JP1303 W
                                            19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 96915172 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English; French; German
Patent (No, Kind, Date): EP 506400 Bl 19971217
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
                19920317
 Applic (No, Kind, Date): EP 92302627 A
                                       19920326
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 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 637016 B1 20010307
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A
                                           19930727; JP 94104879 A
    19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
   93314114 A 19931119
 Applic (No, Kind, Date): EP 94305557 A 19940727
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 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 807929 B1 20010228
 OPTICAL DISK PROVIDED WITH BAR CODE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): WO 96JP1303 W
                                             19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 96915172 A
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 Designated States: (National) DE; FR; GB
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                             G11B-007/24; G06K-019/00;
                                                          G11B-020/10;
   G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1003162 B1 20001102
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000103257 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
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Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005024 B1 20010530
          REPRODUCING DEVICE
                                FOR THE REPRODUCTION OF ENCRYPTED
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
 Applic (No, Kind, Date): EP 2000102966 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005026 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A
                           19960123; JP 96211304 A
 Applic (No, Kind, Date): EP 2000102968 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005027 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A
                          19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102969 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 B1 20001102
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000101775 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005035 B1 20001102
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                           (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000104818 A
                                           19960515
 Designated States: (National) DE; FR; GB
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IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38

; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English

EUROPEAN PATENT Legal Status		(EP) ,Date,Code,Text):		
EP 506400	P	19910327 EP AA	PRIORITY	(PATENT
		APPLICATION)	(PRIORITAET	(PATENTANMELDUNG))
		JP 9162798 A	19910327	
EP 506400	P	19910425 EP AA	PRIORITY	(PATENT
		APPLICATION)	(PRIORITAET	(PATENTANMELDUNG))

		JP 9195813	Α	19910425	
EP 506400	P	19910529 EP AA		PRIORITY	(PATENT
		APPLICATION)		(PRIORITAET	(PATENTANMELDUNG))
		JP 91155650	A	19910529	

EP 506400	P	19910723 EP AA	PRIORITY	(PATENT
		APPLICATION)	(PRIORITAET	(PATENTANMELDUNG))

			JP	9118	82236	Α	19910723	
EP 50	06400	P	19920317	ΕP	AA		PRIORITY	(PATENT
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JP 9260739 A 19920317

EΡ	506400	Р	19920326 E	P AE	Eb-Wbbric	ATION
			(EURO	PAEISCHE	ANMELDUNG)	
			EP 92	302627 P	A 19920326	
EΡ	506400	P	19920930 E	P AK	DESIGNATE	D CONTRACTING
			STATE	S IN AN A	APPLICATION W	ITHOUT SEARCH
			REPOR	T (IN E	INER ANMELDUN	G OHNE

			RECHERC	HENBERICH	T BENANNTE	VERTRAGSS	TAATEN	1)
			DE FR G	B NL				
EΡ	506400	P	19920930 EP	A2	PUBLICATION	ON OF APPI	ICATIO	N
			WITHOUT	SEARCH R	EPORT (VE	ROEFFENTLI	CHUNG	DER

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EP 506400	P	19930526 EP A3 SEPARATE PUBLICATION OF T	ΗE
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		(ART. 93))	

EΡ	506400	Р	19940112 E	ΞP	17P	REQUE	ST FOR EXAMINATION		
			FILED		(PRUEFUNGSANTRAG GESTELLT)				
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ΕP	506400	P	19960110 E	ΣP	17Q	FIRST	EXAMINATION REPORT		
(ERSTER PRUEFUNGSBESCHEID)							EID)		

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ΕP	506400	P	19970402 EP	AH	DIVISIONAL APPLICATION	(ART.
			76) IN:	: (TEILANN	MELDUNG (ART. 76) IN:)	
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EΡ	506400	P	19971217	EP B1	PATENT SPECIFICATION		
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ΕP	506400	P	19971217	EP DX	MISCELLANEOUS: (DELETED	1)	
(DIVERSES: (GELOESCHT))							
EΡ	506400	P	19980129	EP REF	CORRESPONDS TO:		

(ENTSPRICHT)

EP	506400	P	DE 69223541 P 19980129 19980320 EP ET FR: TRANSLATION FILED (FR:
			TRADUCTION A ETE REMISE)
EP	506400		19981209 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP	506400	P	20000119 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 973335 P
EP	506400	P	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
ΕP	506400	P	EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975174 P 20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	555031	P	EP 1049334 P 19920129 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	555031	Р	JP 9213809 A 19920129 19920228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	555031	P	JP 9242558 A 19920228 19920309 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9250328 A 19920309
EP	555031	Р	19920326 A 19920309 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	555031	P	JP 9268031 A 19920326 19920430 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	555031	Р	JP 92111176 A 19920430 19920722 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	555031	Р	JP 92194450 A 19920722 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	555031	Р	JP 92280874 A 19920925 19930129 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	555031	P	EP 93300695 A 19930129 19930811 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE
			RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

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			PT SE
ΕP	555031	P	19930811 EP A2 PUBLICATION OF APPLICATION
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ED	555031	D	ANMELDUNG OHNE RECHERCHENBERICHT) 19930811 EP 17P REQUEST FOR EXAMINATION
C.P	333031	Ρ.	FILED (PRUEFUNGSANTRAG GESTELLT)
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~~	000001	-	SEARCH REPORT (ART. 93) (GESONDERTE
			VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
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ΕP	555031	P	19981223 EP 18D DEEMED TO BE WITHDRAWN (ALS
			ZURUECKGENOMMEN GELTEN)
			980626
EΡ	562875	P	19920326 EP AA PRIORITY (PATENT
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			TD 0067024 B 10000206
E.D.	E C 0 0 7 E	D	JP 9267934 A 19920326
EP	362873	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			APPLICATION) (PRIORITADI (PATENTANMELDUNG))
			JP 92256070 A 19920925
FP	562875	P	19930326 EP AE EP-APPLICATION
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			EP 93302369 A 19930326
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EP	562875	Ь	19930929 EP A1 PUBLICATION OF APPLICATION
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ED	562875	D	19930929 EP 17P REQUEST FOR EXAMINATION
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		_	ERSTER PRUEFUNGSBESCHEID)
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ΕP	562875	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
			76) IN: (CORRECTION) (TEILANMELDUNG (ART.
			76) IN: (KORR.))
			EP 2000114689 A 20000708
EΡ	562875	P	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP	562875	P	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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			EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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EP	562875	Р	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708
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EP	562875	Р	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
EP	562875	Р	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP EP	562875 562875	P P	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114693 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP EP	562875 562875	P P	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP EP	562875 562875	P P	EP 2000114689 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114693 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART

BB 560035	_	EP 2000114694 A 20000708
EP 5628/5	Ъ	20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (CORRECTION) (TEILANMELDONG (ART. 76) IN: (KORR.))
		EP 2000114695 A 20000708
EP 562875	Р	
	-	76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		EP 2000114696 A 20000708
EP 562875	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
ED 560075	D	EP 2000114697 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP 3020/3	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		EP 2000114698 A 20000708
EP 562875	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
	_	EP 2000114699 A 20000708
EP 562875	Р	
		76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000114700 A 20000708
EP 562875	Р	
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		EP 2000114701 A 20000708
EP 562875	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.)) EP 2000114702 A 20000708
EP 562875	Þ	
B1 302073	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039673 P
EP 562875	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
77 F 6007F	_	EP 1039674 P
EP 562875	Р	20000927 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039675 P
EP 562875	Р	20000927 EP AH DIVISIONAL APPLICATION (ART.
	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039676 P
EP 562875	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
ED (00075	ъ	EP 1039677 P
EP 562875	Р	20000927 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039678 P
EP 562875	Р	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039679 P
EP 562875	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
ED 560075		EP 1039680 P
EP 562875	P	20000927 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039681 P
EP 562875	Р	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1039682 P
EP 562875	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
FD 562975	D	EP 1045541 P 20001102 EP AH DIVISIONAL APPLICATION (ART.
Et 3020/3	r	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		. 0, 2 (22421112222010 (111111 / 0) 41111)

EP 562875	EP 1049283 P P 20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 564187	EP 1049284 P P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 9268031 A 19920326 P 19920430 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 92111176 A 19920430 P 19920722 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 92194450 A 19920722 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 92280874 A 19920925 P 19921021 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 92282666 A 19921021 P 19921211 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 92331300 A 19921211 P 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	JP 938596 A 19930121 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93302365 A 19930326
EP 564187	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 564187	
EP 564187	P 19931006 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403
EP 564187	P 19951206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 564187	P 19951206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 564187	(ERSTER PRUEFUNGSBESCHEID)
EP 564187	970214 P 19980225 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970826
EP 589709	

JP 92256070 A 19920925

EP 589709	P	19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 589709	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 93132984 A 19930510 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93307575 A 19930924
EP 589709	P	EP 93307575 A 19930924 19940330 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
	P	19940330 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 589709	P	
EP 589709	P	19940928 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 589709	Р	19940928 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 589709	P	19970102 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 961115
EP 589709	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	EP 2000114572 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	EP 2000114573 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	EP 2000114575 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	EP 2000114576 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	EP 2000114578 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))

EP S	589709	P	EP 2000114579 A 20000707 0000913 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76)	
EP !	589709	P	EP 1035693 P 0000913 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76)	
EP :	589709	P	EP 1035694 P 0000913 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76) EP 1035695 P	
EP !	589709	P	DEP 1035695 P 0000913 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76) EP 1035696 P	
EP !	589709	P	0000913 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76) EP 1035697 P	
EP !	589709	P	0000913 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76) EP 1035698 P	
	589709	P	0000927 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76) EP 1039672 P	IN:)
	589709	P	0001102 EP AH DIVISIONAL APPLIC 76) IN: (TEILANMELDUNG (ART. 76) EP 1049282 P	
EP (608126	P	9930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTA	NMELDUNG))
EP (608126	P	JP 938596 A 19930121 9930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTA JP 9392219 A 19930325	NMELDUNG))
EP (608126	P	9930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTA	NMELDUNG))
EP (608126	P	JP 93107423 A 19930409 9930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTA	NMELDUNG))
EP (608126	P	JP 93205682 A 19930727 9931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTA	NMELDUNG))
EP (608126	P	JP 93297504 A 19931102 9931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTA	NMELDUNG))
EP (608126	Р	JP 93314114 A 19931119 9940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP (608126	P	EP 94300403 A 19940119 9940727 EP AK DESIGNATED CONTRA STATES IN AN APPLICATION WITHOUT S REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAG	SEARCH
			AT BE CH DE DK ES FR GB GR IE IT I	I LU MC NL
EP (608126	P	PT SE 9940727 EP A2 PUBLICATION OF AE WITHOUT SEARCH REPORT (VEROEFFENT	
EP (608126	P	ANMELDUNG OHNE RECHERCHENBERICHT) 9940727 EP 17P REQUEST FOR EXAMI FILED (PRUEFUNGSANTRAG GESTELLT) 940127	NATION
EP	608126	P	940127 9951129 EP AK DESIGNATED CONTRA STATES IN A SEARCH REPORT: (IN EI RECHERCHENBERICHT BENANNTE VERTRAG	NEM

		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 608126	Р	PT SE 19951129 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 608126	P	(ART. 93))
EP 608126	P	19980527 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 608126	P	EP 844611 P 19980527 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 608126	Р	EP 844612 P 19980729 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP 609013	P	980203 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	Р	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	Р	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	Р	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	Р	JP 93314114 A 19931119 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 609013	P	EP 94300402 A 19940119 19940803 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 609013	P	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 609013	P	ANMELDUNG OHNE RECHERCHENBERICHT) 19940803 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 609013	Р	940127 19951129 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 609013	P	19951129 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 609013	P	19970903 EP 17Q FIRST EXAMINATION REPORT

(ERSTER PRUEFUNGSBESCHEID)

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EP 609013	P 1	9980401 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 833319 P
EP 609013	P 1	9981223 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 980626
EP 609617	P 1	9921201 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609617	P 1	JP 92321063 A 19921201 9930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609617	P 1	JP 938596 A 19930121 9930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609617	P 1	JP 93205682 A 19930727 9931201 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93309619 A 19931201
EP 609617	P 1	9940810 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609617	P 1	BE DE FR GB NL 9940810 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 609617	P 1	9940810 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931214
EP 609617	P 1	9961211 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609617	P 1	BE DE FR GB NL 9961211 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 609617	P 1	9971203 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970612
EP 617531	P 1	9930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P 1	JP 9366461 A 19930325 9930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P 1	JP 93132984 A 19930510 9930924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P 1	JP 93261612 A 19930924 9940324 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 94302149 A 19940324
EP 617531	P 1	9940928 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

EP 617531	WITH SE	A1 PUBLICATION OF APPLICATION CARCH REPORT (VEROEFFENTLICHUNG DER
EP 617531	P 19940928 EP FILED	NG MIT RECHERCHENBERICHT) 17P REQUEST FOR EXAMINATION (PRUEFUNGSANTRAG GESTELLT)
EP 617531	(ERSTER	17Q FIRST EXAMINATION REPORT R PRUEFUNGSBESCHEID)
EP 617531	ZURUECK	18D DEEMED TO BE WITHDRAWN (ALS GENOMMEN GELTEN)
EP 637016	P 19930727 EP APPLICA	AA PRIORITY (PATENT TION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	JP 9320 P 19931102 EP APPLICA	D5682 A 19930727 AA PRIORITY (PATENT ATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P 19931119 EP	AA PRIORITY (PATENT ATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P 19940418 EP	.4114 A 19931119 AA PRIORITY (PATENT ATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P 19940707 EP	04879 A 19940418 AA PRIORITY (PATENT ATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P 19940727 EP (EUROPA	66089 A 19940707 AE EP-APPLICATION AEISCHE ANMELDUNG) 05557 A 19940727
EP 637016	P 19950201 EP STATES REPORT:	AK DESIGNATED CONTRACTING IN AN APPLICATION WITHOUT SEARCH (IN EINER ANMELDUNG OHNE CHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 637016	P 19950201 EP WITHOUT	DE FR GB IT LI NL A2 PUBLICATION OF APPLICATION C SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 637016	P 19950201 EP	ING OHNE RECHERCHENBERICHT) 17P REQUEST FOR EXAMINATION (PRUEFUNGSANTRAG GESTELLT)
EP 637016	P 19950830 EP STATES	AK DESIGNATED CONTRACTING IN A SEARCH REPORT: (IN EINEM CHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 637016	P 19950830 EP SEARCH	DE FR GB IT LI NL A3 SEPARATE PUBLICATION OF THE REPORT (ART. 93) (GESONDERTE FENTLICHUNG DES RECHERCHENBERICHTS
EP 637016	P 19980408 EP	17Q FIRST EXAMINATION REPORT R PRUEFUNGSBESCHEID)
EP 637016	P 20000913 EP 76) IN: 76) IN:	RAHF DIVISIONAL APPLICATION (ART (CORRECTION) (TEILANMELDUNG (ART. (KORR.))
EP 637016	P 20001108 EP 76) IN:	0115017 A 20000724 AH DIVISIONAL APPLICATION (ART. (TEILANMELDUNG (ART. 76) IN:) 0879 P
EP 637016	P 20010307 EP	AHF DIVISIONAL APPLICATION (ART. (TEILANMELDUNG (ART. 76) IN:)

	EP 2000115017 A 20000724	
EP 637016	P 20010307 EP AK DESIGNATED CONTRACTING	
DI 057010	STATES MENTIONED IN A PATENT SPECIFICATION	N:
	(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENAN	
	VERTRAGSSTAATEN)	
DD 627016	BE CH DE FR GB IT LI NL	
EP 637016	P 20010307 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 637016	P 20010315 CH EP/REG ENTRY IN THE NATIONAL PHA	ASE
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EP 637016	P 20010315 CH EP/REG ENTRY IN THE NATIONAL PHA	ASE
	(EINTRITT IN DIE NATIONALE PHASE)	
EP 637016	P 20010412 EP REF CORRESPONDS TO: (
	ENTSPRICHT) DE 69426795 P 20010412	
EP 689200	P 19931228 EP AA PRIORITY (PATENT	
21 003200	APPLICATION) (PRIORITAET (PATENTANMELDUNG	G))
	(-,,
	JP 93335165 A 19931228	
EP 689200	P 19940120 EP AA PRIORITY (PATENT	
	APPLICATION) (PRIORITAET (PATENTANMELDUNG	G))
	JP 9422191 A 19940120	
EP 689200	P 19940418 EP AA PRIORITY (PATENT	
	APPLICATION) (PRIORITAET (PATENTANMELDUNG	G))
	JP 94104879 A 19940418	
EP 689200	P 19940707 EP AA PRIORITY (PATENT	~
	APPLICATION) (PRIORITAET (PATENTANMELDUNG	((ف
	JP 94156089 A 19940707	
EP 689200	P 19941202 EP AA PRIORITY (PATENT	
	APPLICATION) (PRIORITAET (PATENTANMELDUNG	G))
EP 689200	JP 94299508 A 19941202 P 19941228 EP AA PCT-APPLICATION	
EP 009200	(PCT-ANMELDUNG)	
	WO 94JP2304 W 19941228	
EP 689200	P 19941228 EP AE EP-APPLICATION	
	(EUROPAEISCHE ANMELDUNG)	
600000	EP 95904033 A 19941228	
EP 689200	P 19951227 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPO	om.
	(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAA	
	(IN DINER MANDEDONG DEMANNIE VERTROSSITES	1011)
	DE FR GB IT	
EP 689200		
	P 19951227 EP A1 PUBLICATION OF APPLICATION	
	P 19951227 EP A1 PUBLICATION OF APPLICATION OF APPL	
ED 680200	P 19951227 EP A1 PUBLICATION OF APPLICATION OF APPL	
EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DET ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION	
EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DET ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DEI ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213	
	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DEI ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCE	R
	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETERMINATION ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN	R H
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	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETENTION ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATER	R H
	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETENTION ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATER DE FR GB IT	R H N)
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DEID ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATED DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORTS (ERGAENZENDER RECHERCHENBERICHT)	R H N)
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETERMINATION ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATED DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORTS (ERGAENZENDER RECHERCHENBERICHT) P 19960605 EP K1C1 CORRECTION OF PATENT	R H N)
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETA ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATED DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORTS (ERGAENZENDER RECHERCHENBERICHT) P 19960605 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED	R H N)
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATED DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORTATION (ERGAENZENDER RECHERCHENBERICHT) P 19960605 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG	R H N)
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATED DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORTS (ERGAENZENDER RECHERCHENBERICHT) P 19960605 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN)	R H N)
EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DEI ANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) P 19960605 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN) 951227	R H N)
EP 689200 EP 689200 EP 689200	P 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DETANMELDUNG MIT RECHERCHENBERICHT) P 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951213 P 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATED DE FR GB IT P 19960529 EP A4 SUPPLEMENTARY SEARCH REPORTS (ERGAENZENDER RECHERCHENBERICHT) P 19960605 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN)	R H N)

EP 689200	Р	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 19990120 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 981204
EP 706174	P	19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	Р	JP 94104879 A 19940418 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	Р	JP 94283415 A 19941117 19941228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	Р	JP 94327963 A 19941228 19950201 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	P	JP 9515318 A 19950201 19950203 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	Р	JP 9516865 A 19950203 19950418 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 706174	Р	WO 95JP760 W 19950418 19950418 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 95915345 A 19950418
EP 706174	P	19960410 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 706174	· P	DE FR GB NL 19960410 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 706174	Р	19960410 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 706174	P	951114 19970702 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
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EP 706174		19970702 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 706174	P	19991215 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 741382	P	19991027 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	Р	JP 94283415 A 19941117 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	P	JP 9516153 A 19950202 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	Р	JP 95261247 A 19951009 19951116 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 741382	Р	WO 95JP2339 W 19951116 19951116 EP AE EP-APPLICATION

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		(EUROPAEISCHE ANMELDUNG)
ED 741202	ъ	EP 95938017 A 19951116 19961106 EP AK DESIGNATED CONTRACTING
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		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
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		DE FR GB
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		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 741382	P	19970108 EP 17P REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT)
EP 741382	P	961112 19970702 EP AK DESIGNATED CONTRACTING
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		REPORT: (IN EINEM ERGAENZENDEN
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 741382	P	19970702 EP A4 SUPPLEMENTARY SEARCH REPORT
		(ERGAENZENDER RECHERCHENBERICHT)
EP 741382	P	19990922 EP 17Q FIRST EXAMINATION REPORT (
		ERSTER PRUEFUNGSBESCHEID)
		19990804
EP 741382	P	20010606 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.)) EP 2001108949 A 20010410
EP 766478	Р	
ы 700470	L	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		THE DESIGNATION (PRODUCTION OF)
		JP 9162798 A 19910327
EP 766478	P	19910425 EP AA PRIORITY (PATENT
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DD 366430	_	JP 9195813 A 19910425
EP 766478	P	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A 19910529
EP 766478	P	
	•	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A 19910723
EP 766478	Р	19920317 EP AA PRIORITY (PATENT
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		JP 9260739 A 19920317
EP 766478	D	19920326 EP AA DIVIDED OUT OF
EF 700470	E.	(AUSSCHEIDUNG AUS)
		EP 92302627 A3 19920326
EP 766478	P	19920326 EP AE EP-APPLICATION
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		EP 96119060 A 19920326
EP 766478	P	
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
DD 766470	_	EP 506400 P
EP 766478	P	
		STATES IN AN APPLICATION WITHOUT SEARCH
		REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
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EP 766478	P	19970402 EP A2 PUBLICATION OF APPLICATION
	*	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG OHNE RECHERCHENBERICHT)
EP 766478	P	19991124 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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		EP 99119266 A 19990928

EP 766478	P 19991124 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
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EP 766478	EP 99119266 A 19990928 P 19991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 99119278 A 19990928
EP 766478	P 19991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 99121006 A 19991021
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EP 766478	P 20000119 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) DE FR GB NL
EP 766478	P 20000119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 766478	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975168 P
EP 766478	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P
EP 766478	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P
EP 766478	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P
EP 766478	P 20000126 EP AH DIVISIONAL APPLICATION (ART 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P P 20000126 EP AH DIVISIONAL APPLICATION (ART
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EP /664/8	P 20000126 EP AH DIVISIONAL APPLICATION (ART 76) IN: (TEILANMELDUNG (ART. 76) IN:)

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EP 975174 P
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EP 766478
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                        EP 2000114691 A
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                        EP 1049334 P
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                                        FIRST EXAMINATION REPORT
                   20010321 EP 17Q
                         (ERSTER PRUEFUNGSBESCHEID)
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                        JP 95261247 A
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EP 802527
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                   19960123 EP AA
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                                      19960123
EP 802527
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EP	802527	Р	WO 96JP2924 W 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 96932845 A 19961008
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EP	802527	P	DE FR GB 19971022 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP	802527	P	19971022 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970707
EP	802527	Р	20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005023 P
ΕP	802527	P	
EP	802527	P	20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
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EΡ	802527	P	EP 1005026 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1005027 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1005028 P 20000614 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP	802527	P	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	(KORR.))
EP	802527	P	RECORDER FOR OPTICAL DISKS 20010328 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.))
EP	802527	P	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1005026 P 20010523 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1005027 P 20010530 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	807929	P	EP 1005024 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	807929	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	807929	P	JP 968910 A 19960123 19960515 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP	807929	Р	WO 96JP1303 W 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 96915172 A 19960515

EP 807929	P	19971119 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 807929	P	19971119 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 807929	Р	
EP 807929	P	
		DE FR GB
EP 807929		(ERSTER PRUEFUNGSBESCHEID) 19990804
EP 807929	P	20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101774 A 20000128
EP 807929	P	
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EP 807929	P	20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101775 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000103257 A 20000217
EP 807929	Р	20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000104818 A 20000306 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000105014 A 20000309
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EP	807929	P	EP 2000106447 Å 20000324 20000524 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1003162 P
EP	807929	P	20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
	807929		20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005034 P
	807929		20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005035 P
	807929		20000607 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1006516 P 20000607 EP AH DIVISIONAL APPLICATION (ART.
	807929 807929		76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1006517 P 20000705 EP RAHF DIVISIONAL APPLICATION (ART
LP	007929	r	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005033
EP	807929	P	EP 2000101774 A 20000128 20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005034
EP	807929	P	EP 2000101775 A 20000128 20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1003162 EP 2000103257 A 20000217
EP	807929	P	20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005035
EP	807929	P	EP 2000104818 A 20000306 20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006516
EP	807929	P	EP 2000105014 A 20000309 20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006517
EP	807929	P	EP 2000106447 A 20000324 20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109898 A 20000510
EP	807929	P	
EP	807929	P	20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000110461 A 20000516

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EP 807929 P 20000802 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1005033
                  EP 2000101774 A 20000128
20000802 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
             Ρ
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1005034
                       EP 2000101775 A 20000128
EP 807929 P 20000802 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1003162
                        EP 2000103257 A 20000217
EP 807929 P
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1005035
                       EP 2000104818 A 20000306
EP 807929 P
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1006516
                       EP 2000105014 A 20000309
EP 807929 P
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1006517
                       EP 2000106447 A 20000324
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929 P
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000109898 A 20000510
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
             Р
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000109899 A 20000510
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
             P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000110461 A 20000516
             P
                  20000802 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000112310 A
                                       20000608
                  20000816 EP AH DIVISIONAL APPLICATION (ART.
EP 807929
             Ρ
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1028422 P
EP 807929 P
                  20000816 EP AH DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1028423 P
EP 807929 P
                  20000823 EP AH
                                       DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1030297 P
EP 807929 P
                  20000830 EP AH
                                     DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1031974 P
EP 807929 P
                  20000906 EP RIC1
                                      CLASSIFICATION (CORRECTION)
                        (KLASSIFIKATION (KORR.))
                        7G 11B 7/007 A, 7G 11B 7/24 B, 7G 06K 19/00
                        B, 7G 11B 20/10 B, 7G 11B 20/00 B, 7G 06F
                       1/00 B
                                     TITEL (CORRECTION) (TITEL
EP 807929
             P
                  20000906 EP RTI1
                        (KORR.))
                       OPTICAL DISK PROVIDED WITH BAR CODE
EP 807929 P
                  20001102 EP AH
                                      DIVISIONAL APPLICATION (ART.
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
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EP 807929	Р	EP 1003162 P 20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 807929	P	EP 1005034 P 20001102 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005035 P
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005033
EP 807929	Р	76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005034
EP 807929	Р	EP 2000101775 A 20000128 20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1003162
EP 807929	P	EP 2000103257 A 20000217 20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005035 EP 2000104818 A 20000306
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1006516 EP 2000105014 A 20000309
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1006517 EP 2000106447 A 20000324
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1028422 EP 2000109898 A 20000510
EP 807929	P	
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1030297 EP 2000110461 A 20000516
EP 807929	P	
EP 807929	P	
EP 807929	P	20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 807929	Р	20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405
EP 833319	Р	19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 93107423 A 19930409

EP 833319	P	19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	(AUSSCHEIDUNG AUS)
EP 833319	P	(EUROPAEISCHE ANMELDUNG)
EP 833319	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 833319	P	EP 609013 P 19980401 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 833319	Р	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 833319	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 19980401 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 971029
EP 833319	P	19980429 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; SHIMIZU, RYOSUKE; KOUDO, TOSHIKAZU; YOSHIURA, TSUKASA; MATSUURA,
EP 844611	Р	TAKUMI ; TANAKA, MITIRO ; TAN, SATOSHI 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	Р	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	Р	JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	Р	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	Р	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	(AUSSCHEIDUNG AUS)
EP 844611	P	EP 94300403 A3 19940119 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)

EP 844611	76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 844611	EP 608126 P P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 844611		
EP 844611		
EP 844612		
EP 844612	JP 938596 A 19930121 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 844612	JP 9392219 A 19930325 P 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 844612	JP 93107423 A 19930409 P 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 844612	JP 93205682 A 19930727 P 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 844612	JP 93297504 A 19931102 P 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 844612	JP 93314114 A 19931119 P 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300403 A3 19940119	
EP 844612	P 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 844612	76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 844612	EP 608126 P P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 844612	P 19980527 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 844612		
EP 971345	P 19961219 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 971345	JP 96339304 A 19961219 P 19970122 EP AA PRIORITY (PATENT	

APPLICATION	(PRIORITAET	(PATENTANMELDUNG))

EP 971345	Р	JP 979318 A 19970122 19970924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	Р	JP 97259110 A 19970924 19971217 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 97JP4664 W 19971217
EP 971345	P	19971217 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 97949124 A 19971217
EP 971345	Р	20000112 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB IT NL
EP 971345	Р	20000112 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 971345	Р	20000112 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19990719
EP 973335	Р	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723
EP 973335	P	19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	Р	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 973335	P	
EP 973335	P	
EP 973335	Р	20000119 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 973335	P	20000119 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 973335	Р	
EP 973335	Р	DE FR GB NL 20000119 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 973335	P	ANMELDUNG MIT RECHERCHENBERICHT) 20000119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991015

EP 973335	Р	(NL: KORREKTUREN (TEIL 1 RUBRIK G))
EP 973335	D	DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT
ыг утоооо	_	APPLICATION (COMPLETE REPRINT) PUBLISHED
		(BERICHTIGUNG DER PATENTANMELDUNG
		(KOMPLETTNEUDRUCK) ERSCHIENEN)
ED 073335	D	20000119 20001206 EP RPR1 PRIORITY (CORRECTION)
EF 9/3333	r	(PRIORITAET (KORR.))
		JP 19910327 6279891 ; JP 19910425 9581391 ;
		JP 19910529 15565091 ; JP 19910723 18223691 ;
FD 975169	D	JP 19920317 6073992 19910327 EP AA PRIORITY (PATENT
Er 9/3100	E	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ED 075160	ъ	JP 9162798 A 19910327
EP 975168	P	19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		ATTECATION (TRIORITALE (TATENTANDEDDONG))
		JP 9195813 A 19910425
EP 975168	P	19910529 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A 19910529
EP 975168	P	19910723 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A 19910723
EP 975168	P	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		TD 0060730 T 10000317
EP 975168	P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF
EL 373100	-	(AUSSCHEIDUNG AUS)
		EP 92302627 A3 19920326
EP 975168	Р	19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
		EP 96119060 A3 19920326
EP 975168	₽	19920326 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG)
EP 975168	D	EP 99119266 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART.
EF 9/3100	E	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P
EP 975168	P	
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975168	P	20000126 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB NL
EP 975168	P	20000126 EP A1 PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 975168	P	ANMELDUNG MIT RECHERCHENBERICHT) 20000126 EP 17P REQUEST FOR EXAMINATION
DI 7/0100	Ľ	FILED (PRUEFUNGSANTRAG GESTELLT)
		19991022
EP 975168	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES
		(NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975168	P	20001115 EP K1C3 CORRECTION OF PATENT
		APPLICATION (COMPLETE REPRINT) PUBLISHED
		(BERICHTIGUNG DER PATENTANMELDUNG
		(KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126
EP 975168	P	20000126 20010418 EP 17Q FIRST EXAMINATION REPORT
- · · · · · · · ·	=	"

(ERSTER PRUEFUNGSBESCHEID)

	(ERSTER PROEFUNGSBESCHEID) 20010227	
EP 975169	P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975169	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975169	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975169	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975169	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975169	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326	
EP 975169	P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	
EP 975169	EP 96119060 A3 19920326 P 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 975169	EP 99121006 A 19920326 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	Г.
EP 975169	EP 506400 P P 20000126 EP AC DIVISIONAL APPLICATION (ART 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	Г.
EP 975169	EP 766478 P P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN	
EP 975169	DE FR GB NL P 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	
EP 975169	FILED (PRUEFUNGSANTRAG GESTELLT)	
EP 975169	(NL: KORREKTUREN (TEIL 1 RUBRIK G))	3
EP 975170	DE FR GB NL P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975170	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975170	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 975170	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT	

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 975170	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975170	(AUSSCHEIDUNG AUS)
EP 975170	(EUROPAEISCHE ANMELDUNG)
EP 975170	EP 99121007 A 19920326 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975170	EP 506400 P P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975170	
EP 975170	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 975170	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 975170	19991021 P 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975171	P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975171	
EP 975171	
EP 975171	P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975171	P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975171	

STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

EP 975171	D	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION
EP 9/31/1	P	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975171	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975171	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
EP 975171	P	DE FR GB NL 20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 975172	P	20010227 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975172	P	
EP 975172	P	(EUROPAEISCHE ANMELDUNG)
EP 975172	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975172	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975172	₽	EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 975172	Р	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975172	P	20000301 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 975172	P	19991021 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975172	P	20010404 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010222

EP 975173	Р	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173 .	P	. JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	Р	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	Р	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975173	P	19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975173	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975173	P	EP 99121025 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975173	Р	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975173	P	EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
	_	DE FR GB NL
EP 975173	Р	20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975173	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 975173	P	(NL: KORREKTUREN (TEIL 1 RUBRIK G))
EP 975173	Р	DE FR GB NL 20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 975174	Р	20010227 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	Р	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A 19910723

EP 975174	P	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	AUSSCHEIDUNG AUS)
EP 975174	P	(AUSSCHEIDUNG AUS)
EP 975174	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121026 A 19920326
EP 975174	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975174	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975174	P	
EP 975174	P	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975174	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975174	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GR NI.
EP 1003162	Р	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1003162	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1003162	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1003162	P	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000103257 A 19960515
EP 1003162	P	
EP 1003162	P	20000524 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1003162	P	DE FR GB 20000524 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1003162	P	

(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB

	DE FR GB	
EP 1003162	P 20001102 EP B1 PATENT SPECIF	ICATION
EP 1003162	(PATENTSCHRIFT) P 20001207 EP REF CORRESPONDS TO (ENTSPRICHT)	0:
EP 1003162	DE 69610859 P 20001207 P 20010207 EP AKX PAYMENT OF DE (ZAHLUNG VON BENENNUNGSGEBUEHR	
EP 1003162	DE FR GB P 20010209 EP ET FR: TRANSLATION TRADUCTION A ETE REMISE)	ON FILED (FR:
EP 1005023	·	
EP 1005023	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PAT APPLICATION) (PRIORITAET (PAT	
EP 1005023	JP 968910 A 19960123 P 19960809 EP AA PRIORITY (PAT APPLICATION) (PRIORITAET (PAT	ENT ENTANMELDUNG))
EP 1005023	JP 96211304 A 19960809 P 19961008 EP AA DIVIDED OUT O (AUSSCHEIDUNG AUS)	F
EP 1005023	EP 96932845 A3 19961008	N
EP 1005023	P 20000531 EP AC DIVISIONAL AP 76) OF: (TEILANMELDUNG (ART.	
EP 1005023	EP 802527 P P 20000531 EP AK DESIGNATED CO STATES IN AN APPLICATION WITH (IN EINER ANMELDUNG BENANNTE V	SEARCH REPORT:
EP 1005023	DE FR GB P 20000531 EP A1 PUBLICATION O WITH SEARCH REPORT (VEROEFFEN ANMELDUNG MIT RECHERCHENBERICH	TLICHUNG DER
EP 1005023	P 20000531 EP 17P REQUEST FOR E FILED (PRUEFUNGSANTRAG GESTEL	XAMINATION
EP 1005023	20000301 P 20001115 EP RIN1 INVENTOR (COR (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSH SHINICHI; KOISHI, KENJI; MOR	IHO ; TANAKA,
EP 1005023	TAKEMURA, YOSHINARI P 20010110 EP 17Q FIRST EXAMINA (ERSTER PRUEFUNGSBESCHEID)	TION REPORT
EP 1005023	(ZAHLUNG VON BENENNUNGSGEBUEHR	
EP 1005024	DE FR GB P 19951009 EP AA PRIORITY (PAT APPLICATION) (PRIORITAET (PAT	
	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PAT APPLICATION) (PRIORITAET (PAT	
EP 1005024	JP 968910 A 19960123 P 19960809 EP AA PRIORITY (PAT APPLICATION) (PRIORITAET (PAT	ENT ENTANMELDUNG))
	JP 96211304 A 19960809	

EP 1005024	P	19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1005024	Р	(EUROPAEISCHE ANMELDUNG)
EP 1005024	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005024	Р	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB
		20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005024	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1005024	Р	20000927 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU;
EP 1005024	P	TAKEMURA, YOSHINARI 20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1005024	P	20001130 20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005024	P	
EP 1005024	Р	
EP 1005024	P	20010530 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005025	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF . (AUSSCHEIDUNG AUS)
EP 1005025	P	(EUROPAEISCHE ANMELDUNG)
EP 1005025	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005025	P	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
40055	_	DE FR GB
EP 1005025	P	20000531 EP A1 PUBLICATION OF APPLICATION

EP 1005025	P	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005025	Р	(ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;
EP 1005025	P	TAKEMURA, YOSHINARI 20010207 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001227
EP 1005025	Р	
EP 1005026	P	
EP 1005026	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 1005026	P	
EP 1005026	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005026	Р	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005026	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1005026	Р	ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1005026	Р	
EP 1005026	P	· ·
EP 1005026	P	
EP 1005026	P	
EP 1005026	P	
EP 1005026	P	20010523 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE

VERTRAGSSTAATEN)

			DE FR GB
ΕP	1005026	P	20010523 EP B1 PATENT SPECIFICATION
ΕP	1005026	P	(PATENTSCHRIFT) 20010628 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP	1005027	P	DE 69613010 P 20010628 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1005027	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	1005027	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1005027	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP	1005027	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1005027	P	EP 2000102969 A 19961008 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EΡ	1005027	P	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP	1005027	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	1005027	P	ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP	1005027	P	20000301 20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;
ΕP	1005027	P	(KORR.))
EP	1005027	P	OPTICAL RECORDER 20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001130
ΕP	1005027	P	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP	1005027	P	20010523 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
ΕP	1005027	P	20010523 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
ΕP	1005027	P	DE FR GB 20010523 EP B1 PATENT SPECIFICATION
ΕP	1005027	P	(PATENTSCHRIFT) 20010628 EP REF CORRESPONDS TO: (ENTSPRICHT)
ΕP	1005028	P	DE 69613011 P 20010628 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1005028	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005028	JP 968910 A 19960123 P 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005028	AUSSCHEIDUNG AUS)
EP 1005028	EP 96932845 A3 19961008 P 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005028	EP 2000102971 A 19961008 P 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005028	
	DE FR GB
EP 1005028	
EP 1005028	·
EP 1005028	
EP 1005028	(ERSTER PRUEFUNGSBESCHEID)
EP 1005028	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005033	DE FR GB P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005033	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005033	(AUSSCHEIDUNG AUS)
EP 1005033	(EUROPAEISCHE ANMELDUNG)
EP 1005033	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005033	EP 807929 P P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005033	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1005033	ANMELDUNG MIT RECHERCHENBERICHT) P 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)

	00000100
EP 1005033	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005033	(ERSTER PRUEFUNGSBESCHEID)
EP 1005034	20010316 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005034	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005034	JP 968910 A 19960123 P 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1005034	P 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000101775 A 19960515
EP 1005034	P 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005034	EP 807929 P P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005034	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005034	AL;LT;LV;SI P 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005034	
EP 1005034	P 20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725
EP 1005034	
EP 1005034	
EP 1005034	
EP 1005034	,
EP 1005034	P 20010209 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005034	P 20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005035	
EP 1005035	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT

JP 968910 A 19960123

EP 1005035	P	(AUSSCHEIDUNG AUS)
EP 1005035	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005035	Р	EP 2000104818 A 19960515 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005035	Р	EP 807929 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
EP 1005035	, P	NL PT SE 20000531 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005035	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1005035	Р	ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000306
EP 1005035	Р	20000306 20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725
EP 1005035	Р	20001723 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005035	Р	
		VERTRAGSSTAATEN) DE FR GB
EP 1005035	P	
EP 1005035	P	
EP 1005035	P	20001213 IE FG4D/REG EUROPEAN PATENTS GRANTED
EP 1005035	Р	DESIGNATING IRELAND 20010209 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005035	Р	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1006516	P	DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006516	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006516	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1006516	Р	(EUROPAEISCHE ANMELDUNG)
EP 1006516	Р	EP 2000105014 A 19960515 20000607 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1006516	Р	EP 807929 P 20000607 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

DE FR GB

		DE FR GB
EP 1006516	P	
		EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON
		BENENNUNGSGEBUEHREN)
		AL;LT;LV;SI
EP 1006516	P	20000607 EP A1 PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006516	P	20000607 EP 17P REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT)
		20000309
EP 1006516	Р	20010221 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)
		DE FR GB
EP 1006516	Р	20010530 EP RBV DESIGNATED CONTRACTING
		STATES (CORRECTION): (BENANNTE
		VERTRAGSSTAATEN (KORR.))
		DE FR GB
EP 1006516	P	20010613 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID)
		20010427
EP 1006517	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A 19951009
EP 1006517	P	19960123 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A 19960123
EP 1006517	P	19960515 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS)
		EP 96915172 A3 19960515
EP 1006517	P	19960515 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG)
		EP 2000106447 A 19960515
EP 1006517	P	20000607 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P
EP 1006517	P	20000607 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1006517	P	
EP 1006517	Р	
EP 1006517	Р	20000607 EP AX ERSTRECKUNG DES
		20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) ALVITVINOST
EP 1006517		20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI
		20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) ALVITVINOST
		20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
	Р	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006517	Р	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1006517	Р	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION
EP 1006517 EP 1006517	P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324
EP 1006517	P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES
EP 1006517 EP 1006517	P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1006517 EP 1006517 EP 1006517	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1006517 EP 1006517	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT
EP 1006517 EP 1006517 EP 1006517	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1006517 EP 1006517 EP 1006517	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006517 EP 1006517 EP 1006517 EP 1024478	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009
EP 1006517 EP 1006517 EP 1006517	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT
EP 1006517 EP 1006517 EP 1006517 EP 1024478	P P P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009
EP 1006517 EP 1006517 EP 1006517 EP 1024478	P P P	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006517 EP 1006517 EP 1006517 EP 1024478	P P P	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 968910 A 19960123
EP 1006517 EP 1006517 EP 1006517 EP 1024478	P P P	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324 20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

		TD 06011204 7 10060000
EP 1024478	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1024478	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1024478	P	EP 2000102970 A 19961008 20000802 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1024478	Р	EP 802527 P 20000802 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		nn en an
EP 1024478	Р	DE FR GB 20000802 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1024478	P	
EP 1024478	P	20000301 20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.))
		OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI
EP 1024478	P	(ERSTER PRUEFUNGSBESCHEID)
EP 1024478	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1028422	P	DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028422	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		TD 060010 7 10060122
EP 1028422	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1028422	P	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1028422	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1028422	P	EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1028422	Р	DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1028422	P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1028422	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1028423	P	DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028423	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1028423	JP 968910 A 19960123 P 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1028423	(EUROPAEISCHE ANMELDUNG)
EP 1028423	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1028423	EP 807929 P P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1028423	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1028423	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1028423	(ERSTER PRUEFUNGSBESCHEID)
EP 1028423	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1030297	DE FR GB P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1030297	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1030297	JP 968910 A 19960123 P 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1030297	EP 96915172 A3 19960515 P 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1030297	EP 2000110461 A 19960515 P 20000823 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1030297	EP 807929 P P 20000823 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1030297	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1030297	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1030297	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1030297	20000519 P 20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1030297	
EP 1031974	P 19951009 EP AA PRIORITY (PATENT

EP 1031974	APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1031974	JP 968910 A 19960123 P 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1031974	(EUROPAEISCHE ANMELDUNG)
EP 1031974	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1031974	EP 807929 P P 20000830 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1031974	DE FR GB P 20000830 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1031974	
EP 1031974	P 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113
EP 1031974	
EP 1035693	P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	JP 92256070 A 19920925 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	JP 93132984 A 19930510 P 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1035693	EP 93307575 A3 19930924 P 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035693	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035693	EP 589709 P P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035693	PT SE P 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1035693	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1035693	20000714 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM

RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

				DE DK ES FR GB GR IE IT LI LU MC NL
EP	1035693	P	SEARCH REP	SEPARATE PUBLICATION OF THE PORT (ART. 93) (GESONDERTE PLICHUNG DES RECHERCHENBERICHTS
ΕP	1035694	Р	(ART. 93)) 9920925 EP AA	
ΕP	1035694	P	9930325 EP AA	70 A 19920925 PRIORITY (PATENT DN) (PRIORITAET (PATENTANMELDUNG))
EP	1035694	P	.9930510 EP AA	PRIORITY (PATENT (PRIORITY (PATENT (PATENT (PATENTANMELDUNG))
EP	1035694	P	9930924 EP AA. AUSSCHEID)	
EP	1035694	P	9930924 EP AE (EUROPAEIS	75 A3 19930924 EP-APPLICATION SCHE ANMELDUNG) 4573 A 19930924
EP	1035694	P	0000913 EP AC 76) OF: (DIVISIONAL APPLICATION (ART. (TEILANMELDUNG (ART. 76) AUS:)
EP	1035694	P	STATES IN REPORT: (DESIGNATED CONTRACTING AN APPLICATION WITHOUT SEARCH (IN EINER ANMELDUNG OHNE NBERICHT BENANNTE VERTRAGSSTAATEN)
				DE DK ES FR GB GR IE IT LI LU MC NL
EP	1035694	P	WITHOUT SE	PUBLICATION OF APPLICATION EARCH REPORT (VEROEFFENTLICHUNG DER OHNE RECHERCHENBERICHT)
ΕP	1035694	P	0001011 EP 17F FILED (PR	P REQUEST FOR EXAMINATION RUEFUNGSANTRAG GESTELLT)
EP	1035694	P	STATES IN	DESIGNATED CONTRACTING A SEARCH REPORT: (IN EINEM NBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH D	DE DK ES FR GB GR IE IT LI LU MC NL
EP	1035694	P	0001206 EP A3 SEARCH REF VEROEFFENT	SEPARATE PUBLICATION OF THE PORT (ART. 93) (GESONDERTE PLICHUNG DES RECHERCHENBERICHTS
ΕP	1035694	P	(KLASSIFIK	C1 CLASSIFICATION (CORRECTION) KATION (KORR.))
				/02 A, 7H 04L 27/18 B, 7H 04L 27/26 27/34 B, 7H 04L 27/38 B, 7H 04N
EΡ	1035695	P	9920925 EP AA	PRIORITY (PATENT ON) (PRIORITAET (PATENTANMELDUNG))
EP	1035695	Р	.9930325 EP AA	70 A 19920925 PRIORITY (PATENT ON) (PRIORITAET (PATENTANMELDUNG))
ΕP	1035695	P	.9930510 EP AA	1 A 19930325 PRIORITY (PATENT ON) (PRIORITAET (PATENTANMELDUNG))

EP 1035695	Р	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1035695	Р	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114575 A 19930924
EP 1035695	Р	
EP 1035695	P	20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	Р	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035695	Р	
EP 1035695	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035695	Р	20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035696	Р	7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696		JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	Р	(AUSSCHEIDUNG AUS)
EP 1035696	P	(EUROPAEISCHE ANMELDUNG)
EP 1035696	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035696	Р	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)

EP 1035696	P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1035696	Р	20000714 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1035696	Р	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035697	P	7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	Р	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	P	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1035697	P	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035697	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035697	Р	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	Р	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035697	P	
EP 1035697	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P	
EP 1035697	P	20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035698	P	7/24 B 19920925 EP AA PRIORITY (PATENT

		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	Р	(AUSSCHEIDUNG AUS)
EP 1035698	P	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035698	P	EP 2000114579 A 19930924 20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035698	Р	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035698	P	PT SE 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1035698	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1035698	Р	20000714 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035698	Р	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1035698	P	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1039672	Р	7/24 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039672	Р	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039672	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039672	Р	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) FP 93307575 A3 19930924

EP 93307575 A3 19930924

EUROPAEISCHE ANMELDUNG)

EP-APPLICATION (

EP 2000114576 A 19930924 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)

19930924 EP AE

EP 1039672 P

EP 1039672 P

EP	1039672	Р	EP 589709 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP	1039672	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	1039672	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP	1039672	P	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	1039672	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP		P	20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP	1039673	P	7/24 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1039673	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1039673	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP	1039673	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1039673	P	EP 2000114689 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1039673	P	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	· .		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	1039673	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP .	1039673	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP	1039673	P	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP	1039673	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS

EP 1039673	(ART. 93)) P 20010530 EP 17Q FIRST EXAMINATION REPORT
ED 1020674	(ERSTER PRUEFUNGSBESCHEID) 20010412 P 19920326 EP AA PRIORITY (PATENT
EP 1039674	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039674	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039674	JP 92256070 A 19920925 P 19930326 EP AA , DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039674	
EP 1039674	P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039674	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039674	P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039674	P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
102065.	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039674	· · · ·
EP 1039675	
EP 1039675	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039675	P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039675	P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039675	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039675	EP 562875 P P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	-
EP 1039675	·
EP 1039675	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039675	, , ,
EP 1039676	
EP 1039676	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039676	(AUSSCHEIDUNG AUS)
EP 1039676	(EUROPAEISCHE ANMELDUNG)
EP 1039676	EP 2000114694 A 19930326 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039676	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039676	
EP 1039676	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039676	
EP 1039677	P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
	TD 0267034 A 10020326

JP 9267934 A 19920326

EP 1039677	P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039677	(AUSSCHEIDUNG AUS)
EP 1039677	(EUROPAEISCHE ANMELDUNG)
EP 1039677	EP 2000114696 A 19930326 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039677	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039677	
EP 1039677	
EP 1039677	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039677	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039677	(ERSTER PRUEFUNGSBESCHEID)
EP 1039678	20010412 P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	(AUSSCHEIDUNG AUS)
EP 1039678	EP 93302369 A3 19930326 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114697 A 19930326
EP 1039678	
EP 1039678	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039678	P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039678	·

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EP 1039678	20000712 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1039678	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039678	(ART. 93)) P 20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1039679	20010412 P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039679	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039679	(AUSSCHEIDUNG AUS)
EP 1039679	(EUROPAEISCHE ANMELDUNG)
EP 1039679	EP 2000114698 A 19930326 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039679	EP 562875 P P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039679	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1039679	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1039679	.20000712 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	
EP 1039679	(ERSTER PRUEFUNGSBESCHEID)
EP 1039680	20010412 P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039680	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039680	JP 92256070 A 19920925 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326

EP 1039680	P	(EUROPAEISCHE ANMELDUNG)
EP 1039680	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039680	Р	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039680	Р	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1039680	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039680	P	
EP 1039680	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039680	Р	(ERSTER PRUEFUNGSBESCHEID)
EP 1039681	Р	20010302 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039681	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039681	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1039681	Р	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039681	P	EP 2000114701 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039681	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039681	Р	PT SE 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039681	Р	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039681	P	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039681	Р	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE

SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))

		VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039681	Р	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04N
		7/24 B
EP 1039681	Р	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
	_	20010412
EP 1039682	Р	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A 19920326
EP 1039682	Р	
		TD 00055070 B 10000005
EP 1039682	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
		EP 93302369 A3 19930326
EP 1039682	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000114702 A 19930326
EP 1039682	P	20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039682	Р	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING
	_	STATES IN AN APPLICATION WITHOUT SEARCH
		REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20000927 EP A2 PUBLICATION OF APPLICATION
		WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039682	Р	
		FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1039682	Р	20000712 20001206 EP AK DESIGNATED CONTRACTING
		STATES IN A SEARCH REPORT: (IN EINEM
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
ED 1020602	D	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE
EP 1039002	r	SEARCH REPORT (ART. 93) (GESONDERTE
		VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039682	P	(ART. 93)) 20010418 EP 170 FIRST EXAMINATION REPORT
B: 1037002	L	(ERSTER PRUEFUNGSBESCHEID)
PD 1045541	D	20010302
EP 1045541	Р	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ED 1045541	D	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT
EP 1045541	E.	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		TD 000EC070 7 10000005
EP 1045541	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF
	_	(AUSSCHEIDUNG AUS)
EP 1045541	D	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION
FL T040041	r	(EUROPAEISCHE ANMELDUNG)
		EP 2000114700 A 19930326

EP 10455 4 1	Р	20001018 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1045541	Р	20001018 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1045541	Р	PT SE 20001018 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1045541	P	20001018 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1045541	P	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1045541	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1045541	P	
EP 1049282	P	
EP 1049282	Р	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 93132984 A 19930510
EP 1049282	Р	19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1049282	P	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114574 A 19930924
EP 1049282	P	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049282	Р	EP 589709 P 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049282	P	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049282	P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1049282	P	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		איי פיב כע סיב מע יבי בים כם כם דב דיי ז'ז זון MC אוז

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

EP 1049282	Р	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049282	Р	20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1049283	Р	7/24 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049283	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049283	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1049283	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114693 A 19930326
EP 1049283	Р	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049283	Р	EP 562875 P 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049283	P	PT SE 20001102 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049283	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1049283	Р	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049283	Р	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1049283	Р	(ART. 93)) 20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1049284	P	20010412 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1049284	Р	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049284	Р	EP 2000114695 A 19930326 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P

EP 1049284	Р	20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049284	Р	PT SE 20001102 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049284	P	
EP 1049284	Р	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049284	P	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049284	P	
EP 1049334	P	
EP 1049334	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049334	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049334	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049334	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049334	P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1049334	P	(AUSSCHEIDUNG AUS)
EP 1049334	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049334	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049334	Р	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049334	Р	EP 766478 P 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB NL
EP 1049334	Р	20001102 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER

EP 1049334	EP 1049334	Р	ANMELDUNG MIT RECHERCHENBERICHT) 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
CITELISEITE ERSCHIENEN 20001102	EP 1049334	Р	20000715 20001220 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED
JP 19910529 15655091; JP 19910723 18223691; JP 1992037 607392	EP 1049334	Р	(TITELSEITE) ERSCHIENEN) 20001102 20001220 EP RPR1 PRIORITY (CORRECTION) (PRIORITAET (KORR.))
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD Author (Inventor): OSHIMA MITSUAKI Priority (No, Kind, Date): JP 9250328 A 19920309 Applic (No, Kind, Date): JP 9250328 A 19920309 IPC: * G11B-013/04; G11B-013/00 JAPIO Reference No: ; 180014P000119 Language of Document: Japanese Patent (No, Kind, Date): JP 5307788 A2 19931119 RECORDING AND REPRODUCING DEVICE (English) Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD Author (Inventor): OSHIMA MITSUAKI	Patent (No, Kind,		
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD Author (Inventor): OSHIMA MITSUAKI	Patent (No, Kind,	Date)	: JP 5307788 A2 19931119
	Patent Assigne	e: M	ATSUSHITA ELECTRIC IND CO LTD
Priority (No, Kind, Date): JP 921111/6 A 19920430			OSHIMA MITSUAKI Pate): JP 92111176 A 19920430

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Applic (No, Kind, Date): JP 92111176 A
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 JAPIO Reference No: ; 180121P000165
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Patent (No, Kind, Date): JP 5327807 A2 19931210
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date):
                            JP 9162798 A1 19910327; JP 9195813 A1
    19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP
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 IPC: * H04L-027/36; H04J-003/00; H04J-011/00; H04L-027/38; H04N-007/00
    ; HO4N-007/13; HO4N-007/20
 JAPIO Reference No: ; 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6036387 A2
 RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 92194450 A 19920722
 Applic (No, Kind, Date): JP 92194450 A 19920722
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180264P000063
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6164665 A2 19940610
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9368545
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   ; H04N-007/20; H04N-011/04
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 JAPIO Reference No: * 180486E000144; 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6180888 A2 19940628
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
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 Priority (No, Kind, Date): JP 9334656
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 Applic (No, Kind, Date): JP 9334656 A 19930128
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 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180522P000136
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6231509 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
    ; SHIMIZU RYOSUKE
                                              19930226; JP 9242558 A
 Priority (No, Kind, Date):
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              G11B-013/04; G11B-005/127;
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   G11B-023/40
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  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
   ; SHIMIZU RYOSUKE
  Priority (No, Kind, Date): JP 9392247
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   G11B-023/40
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 JAPIO Reference No: * 180522P000136; 180618P000070; 180618P000070
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7093962 A2 19950407
 INFORMATION RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; TAN SATOSHI; KUWAMOTO MAKOTO
 Priority (No, Kind, Date): JP 93300723 A 19931201; JP 92321063 A
   19921201; JP 938596 A 19930121; JP 93205682 A 19930727
 Applic (No, Kind, Date): JP 93300723 A 19931201
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 7099522 A2 19950411
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 93261611 A 19930924; JP 92256070 A
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 Applic (No, Kind, Date): JP 93261611 A 19930924
 IPC: * H04L-027/34; H04B-001/66; H04B-014/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235097 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
   YOSHIURA TSUKASA
 Priority (No, Kind, Date): JP 93351425
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 Applic (No, Kind, Date): JP 93351425 A 19931228
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No, Kind, Date): JP 93351426 A 19931228; JP 938596 A
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235099 A2 19950905
  RECORDING AND REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
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  Priority (No, Kind, Date): JP 9422135 A 19940121; JP 938596 A
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 IPC: * G11B-013/04; G11B-020/12; G11B-020/18
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 7249227 A2 19950926
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 94195853 A 19940727; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
   93349972 A 19931227; JP 9422191 A 19940120
 Applic (No, Kind, Date): JP 94195853 A 19940727
 IPC: * G11B-007/00; G11B-007/007; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 94-342258; G
   95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7264148 A2 19951013
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                        19940324
 Priority (No, Kind, Date): JP 9479668 A
 Applic (No, Kind, Date): JP 9479668 A 19940324
 IPC: * H04H-001/00; H04N-007/01; H04N-007/24
 Derwent WPI Acc No: * G 95-387959; G 95-387959
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7320333 A2 19951208
 RECORDING/REPRODUCING
                       APPARATUS AND
                                        RECORDING MEDIUM
                                                            AND ITS
   MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
  Priority (No, Kind, Date): JP 9422158 A 19940121; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
             A 19930727; JP 93297504 A 19931102; JP 93314114 A
   19931119; JP 93333855 A 19931227
 Applic (No, Kind, Date): JP 9422158 A 19940121
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/30
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722; G 95-341616; G 96-062972; G 96-062972
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7322219 A2 19951208
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9479432
                                        Α
                                            19940325; JP 9366461 A
    19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP
   93349972 A
               19931227
 Applic (No, Kind, Date): JP 9479432 A 19940325
 IPC: * H04N-007/015; H04N-007/20
  Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Japanese
Patent (No, Kind, Date): JP 8212560 A2 19960820
 OPTICAL RECORDING MEDIUM AND OPTICAL DISK REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): UENO FUMIAKI; OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 94327805 A 19941228; JP 93335165 A
                          A 19940120; JP 94104879 A 19940418; JP
    19931228; JP 9422191
    94156089 A 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): JP 94327805 A 19941228
             G11B-007/007; B41M-005/26; G11B-007/00; G11B-007/24;
  IPC:
   G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
  Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
  Language of Document: Japanese
Patent (No, Kind, Date): JP 8212681 A2 19960820
  RECORDING/REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9516865 A 19950203
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Applic (No, Kind, Date): JP 9516865 A 19950203
 IPC: * G11B-019/04; G11B-007/00; G11B-013/04; G11B-019/02; G11B-020/10
 Derwent WPI Acc No: * G 95-373939
 Language of Document: Japanese
Patent (No, Kind, Date): JP 8273164 A2 19961018
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI
 Priority (No, Kind, Date): JP 9592116 A 19950418; JP 94104879 A
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
              19950201; JP 9516153 A 19950202
   9515318 A
 Applic (No, Kind, Date): JP 9592116 A 19950418
             G11B-007/00; G11B-007/007; G11B-007/24; G11B-007/26;
   G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785
 Language of Document: Japanese
Patent (No, Kind, Date): JP 10233019 A2 19980902
 OPTICAL DISK, OPTICAL DISK MANUFACTURING DEVICE AND OPTICAL DISK
   REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KONISHI SHINICHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; GOTOU YOSHITOSHI; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 979318 A 19970122; JP 968110 A
    19960122; JP 968910
                           Α
                               19960123; JP 96339304 A 19961219; JP
   96211304 A 19960809
 Applic (No, Kind, Date): JP 979318 A
                                     19970122
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-020/10
 Derwent WPI Acc No: * G 97-236117; G 97-236119; G 98-363034
 Language of Document: Japanese
Patent (No, Kind, Date): JP 11162031 A2 19990618
 OPTICAL DISK, METHOD FOR RECORDING/REPRODUCING OPTICAL DISK DRAW
                OPTICAL DISK
                                 REPRODUCING DEVICE, OPTICAL DISK
   INFORMATION,
   RECORDING/REPRODUCING DEVICE, OPTICAL DISK DRAW INFORMATION RECORDER
   AND OPTICAL DISK RECORDER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MIYATAKE NORIO; MURAKAMI MOTOYOSHI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 97351243 A 19971219; JP 96339304 A
   19961219; JP 97259110 A 19970924
 Applic (No, Kind, Date): JP 97351243 A 19971219
             G11B-011/10;
                            G11B-007/00; G11B-007/007; G11B-007/24;
 TPC:
   G11B-013/00; G11B-020/10
 Derwent WPI Acc No: * G 98-363034
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032074 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169243 A 19990616; JP 9162798 A
                                19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813 A
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169243 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032075 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99169244 A 19990616; JP 9162798 A
     19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
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Applic (No, Kind, Date): JP 99169244 A 19990616
            H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032076 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169245 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169245 A 19990616
 IPC:
             H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032077 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169246 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169246 A 19990616
       *
            H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 IPC:
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032078 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169247 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04L-027/38; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032079 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169248 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169248 A 19990616
             H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 TPC:
        *
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
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00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076659 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                            JP 99257252 A
                                            19990910; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): JP 99257252 A
                                         19990910
 IPC: * G11B-007/007; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076662 A2 20000314
 OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK AND MANUFACTURE OF
   OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date):
                            JP 99257248 A
                                              19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257248 A
                                         19990910
                           G11B-007/004; G11B-007/24; G11B-019/04;
 IPC:
             G11B-007/085;
   G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076705 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                            JP 99257245 A
                                              19990910; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257245 A
                                          19990910
 IPC: * G11B-007/24; G11B-019/04; G11B-020/10; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076791 A2 20000314
                   OPTICAL
                            DISK RECORDING METHOD AND OPTICAL DISK
 OPTICAL
           DISK,
    REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257247 A
                                              19990910; JP 95261247 A
    19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257247 A
                                        19990910
 IPC: * G11B-020/10; G11B-007/007; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000078222 A2 20000314
 TRANSMITTER, RECEIVER, TRANSMITTING DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99200091 A 19990714; JP 9162798 A
                           Α
                                 19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813
                 19910723; JP 9260739 A
                                           19920317
 Applic (No, Kind, Date): JP 99200091 A 19990714
 IPC: * H04L-027/34; H04J-003/00; H04J-015/00; H04L-027/36; H04L-027/38
    ; H04N-007/08; H04N-007/081
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
Language of Document: Japanese Patent (No, Kind, Date): JP 2000106579 A2 20000411
  TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289582 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106580 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289583 A
                                            19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106581 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289584 A
                                            19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106582 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289585 A
                                            19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A
               19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106583 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289586 A
                                            19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
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Patent (No, Kind, Date): JP 2000149423 A2 20000530
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A
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 Applic (No, Kind, Date): JP 99373897 A
                                         19990101
 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000156037 A2 20000606
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373901 A
                                        19990101
 IPC: * G11B-020/10; G11B-007/0045; G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173062 A2 20000623
 Priority (No, Kind, Date): JP 95261247 19960123; JP 96211304 A 19960809
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                                              19951009; JP 968910 A
 Applic (No, Kind, Date): JP 99373902 A
                                        19990101
 IPC: * G11B-007/007; G06F-012/14; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173063 A2 20000623
 Priority (No, Kind, Date): JP 95261247 A
                                              19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): JP 99375208 A
                                        19991228
 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173179 A2 20000623
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373898 A
                                         19990101
 IPC: * G11B-020/10; G06F-012/14; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000215603 A2 20000804
  Priority (No, Kind, Date): JP 95261247 A
                                              19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373896 A
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 IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Patent (No, Kind, Date): JP 2000222729 A2 20000811
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 IPC: * G11B-007/004; G11B-020/10
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 IPC: * G11B-007/005; G11B-020/10
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 Language of Document: Japanese
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  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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                                                           G11B-020/10;
             G11B-007/007; G11B-007/005; G11B-007/24;
  IPC:
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IPC: * G11B-007/24; G11B-007/004; G11B-020/10
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 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
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 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): JP 99373899 A
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               G11B-007/007;
                             G06F-012/14; G11B-019/04;
                                                             G11B-020/10;
   G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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 IPC: * G11B-020/10; G06K-019/06; G06K-019/04; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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 Applic (No, Kind, Date): JP 20002000085410 A
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     ; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46;
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 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
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 Applic (No, Kind, Date): JP 20002000085407 A
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    H04N-005/78; H04N-005/7826; H04N-005/92; H04N-007/00; H04H-001/00;
   HO4N-007/24; HO4N-007/20
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                             H04J-003/00;
               H04J-011/00;
                                             HO4L-027/34;
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   H04N-005/445; H04N-007/08; H04N-007/081
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 Applic (No, Kind, Date): JP 20002000085409 A
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   H04N-007/20; H04H-001/00
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 JAPIO Reference No: * 180486E000144
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Patent (No, Kind, Date): JP 2000312198 A2 20001107
 Priority (No, Kind, Date): JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
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   ; H04N-007/20
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 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
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 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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 Applic (No, Kind, Date): JP 20002000085411 A 20000101
              H04J-011/00; H04L-001/00; H04L-027/00; H04N-005/40;
   H04N-005/455; H04N-007/24; H04N-007/30
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 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000324083 A2 20001124
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   H04N-007/081; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3008651 B2 20000214
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9268935 A
                                             19920327; JP 9162798 A1
    19910327; JP 9195813 A1 19910425; JP 91155650 A1 19910529; JP
   91182236 A1 19910723; JP 9260739 A1 19920317
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             H04L-027/36;
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   H04N-007/20; H04N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3042780 B2 20000522
 Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
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 Applic (No, Kind, Date): JP 99257245 A 19990910
 IPC: * G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/24;
   G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
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      * G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/005;
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G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
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Patent (No, Kind, Date): JP 3061053 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169243 A
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   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169243 A 19990616
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   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061054 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169244 A
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 Language of Document: Japanese
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169245 A
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   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061056 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169248 A
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   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089599 B2 20000918
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORYA MITSURO
 Priority (No, Kind, Date): JP 95261247
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 IPC: * G11B-007/24; G11B-007/004; G11B-007/007; G11B-020/10
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089600 B2 20000918
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
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 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
Language of Document: Japanese Patent (No, Kind, Date): JP 3089601 B2 20000918
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
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IPC: * G11B-007/005; G11B-020/10
 Language of Document: Japanese
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169246 A 19990616; JP 9162798 A
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 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169247 A
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 Applic (No, Kind, Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3097914 B2 20001010
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI;
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 Priority (No, Kind, Date): JP 95261247
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 IPC: * G11B-007/004; G11B-007/26; G11B-020/10
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI; GOTO YOSHITOSHI; TANAKA SHINICHI;
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 Priority (No, Kind, Date):
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3109552 B2 20001120
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9368545 A 19930326; JP 9267934 A
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              H04J-011/00;
 IPC:
                           H04L-027/36; H04L-027/38; H04N-005/40;
   H04N-007/015; H04N-007/20; H04N-011/04
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3111776 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 93261611 A
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 IPC: * H04J-011/00
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3112012 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289582 A
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OOSHIMA MITSUAKI
   Priority (No, Kind, Date): JP 99289583 A
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   Author (Inventor): OOSHIMA MITSUAKI
   Priority (No, Kind, Date): JP 99289586 A
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   Language of Document: Japanese
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OOSHIMA MITSUAKI
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OOSHIMA MITSUAKI
   Priority (No, Kind, Date): JP 99289585 A
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   IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
   Language of Document: Japanese
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    Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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   IPC:
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   Language of Document: Japanese
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     G11B-020/12
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   Language of Document: Japanese
KOREA, REPUBLIC (KR)
  Patent (No, Kind, Date): KR 161051 B1 19990115
   COMMUNICATION SYSTEM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUAKI OSHIMA (JP)
   Priority (No, Kind, Date): JP 9366461 A 19930325; JP 9313299 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
                                              19930325; JP 93132984 A
   Applic (No, Kind, Date): KR 946012 A 19940325
   IPC: * H04N-007/12
    Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
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Patent (No, Kind, Date): KR 195398 B1 19990615
   RECORDING/REPRODUCING APPARATUS AND MEDIUM AND PRODUCTION METHOD
      (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OHSIMA MITSEUAKI (JP); KOMODA HIDEAKI (JP);
     USIGOME HISASI (JP)
   Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
      93297504 A 19931102; JP 93314114 A 19931119
   Applic (No, Kind, Date): KR 941111 A 19940121
   IPC: * G11B-011/00
   Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
   Language of Document: Korean
  Patent (No, Kind, Date): KR 217013 B1 19991001
   RECORDING AND REPRODUCING APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITZAKI (JP); SHIMIZ RYOOSKI (JP); KOUDO
      DOSHIKAZ
                 (JP); YOSHIHURA SKASHA (JP); MASURA TAKUMI (JP); DANAKA
     MICHIRO (JP); DAN SADOSHI (JP)
   Priority (No, Kind, Date): JP 938596 A
                                                19930121; JP 9392219 A
      19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
      93297504 A 19931102; JP 93314114 A 19931119
   Applic (No, Kind, Date): KR 941112 A 19940121
   IPC: * G11B-011/00
   Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
   Language of Document: Korean
  Patent (No, Kind, Date): KR 237555 B1 20000201
   RECORDING/REPRODUCING APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 93205682 A 19930727; JP 93297504 A
      19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP
      94156089 A 19940707
   Applic (No, Kind, Date): KR 9418308 A 19940727
   IPC: * G11B-007/00
   Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
      95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451
   Language of Document: Korean
  Patent (No, Kind, Date): KR 9602468 B1 19960217
   TRANSMITTER (English)
   Patent Assignee: MATSUSITA ELECTRIC IND K K (JP)
   Author (Inventor): OOSIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9267934 . A
                                               19920326; JP 92256070 A
     19920925
   Applic (No, Kind, Date): KR 934766 A 19930326
   IPC: * H04L-027/36
   Derwent WPI Acc No: * G 93-305235; G 94-103292
   JAPIO Reference No: * 180486E000144
   Language of Document: Korean
  Patent (No, Kind, Date): KR 9602703 B1 19960224
   SIGNAL TRANSMISSION SYSTEM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND K K (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723
   Applic (No, Kind, Date): KR 924913 A 19920326
   IPC: * H04N-007/12
   Derwent WPI Acc No: * G 92-325674
   JAPIO Reference No: * 180152E000002
   Language of Document: Korean
SINGAPORE (SG)
  Patent (No, Kind, Date): SG 5400982 Al 19981221
    RECORDING AND REPRODUCING APPARATUS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; KOUDO TOSHIKAZU;
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YOSHIURA TSUKASA; MATSUURA TAKUMI; TANAKA MITIRO; TAN SATOSHI
    Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
      19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
                   19931102; JP 93314114 A 19931119
      93297504 A
    Applic (No, Kind, Date): SG 9502048 A 19940119
    IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
      ; G11B-023/00
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
    Language of Document: English
  Patent (No, Kind, Date): SG 7100102 A1 20000321
    INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
    Priority (No, Kind, Date): JP 938596 A
                                             19930121; JP 9392219 A
      19930325; JP 93107423 A 19930409; JP 93205682 A
                   19931102; JP 93314114 A 19931119
      93297504 A
    Applic (No, Kind, Date): SG 9800735 A 19940119
    IPC: * G11B-019/02; G11B-007/007
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
    Language of Document: English
  Patent (No, Kind, Date): SG 7100103 A1 20000321
    INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
      (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
    Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
      19930325; JP 93107423 A 19930409; JP 93205682 A
                                                            19930727; JP
      93297504 A
                    19931102; JP 93314114 A 19931119
    Applic (No, Kind, Date): SG 9800736 A 19940119
    IPC: * G11B-019/02; G11B-007/007
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
      95-116722; G 95-341616; G 96-062972; G 98-181451
    Language of Document: English
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 5473584 A
                                           19951205
    RECORDING AND REPRODUCING APPARATUS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): US 281337 A 19940727; JP 9213809 A
      19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
      9268031 A
      19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
      9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
      19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP 94156089 A 19940707; US 184117 A2
      19940121; US 9709 A2 19930127
    Applic (No, Kind, Date): US 281337 A
    National Class: * 369032000; 369047000; 369054000
    IPC: * G11B-017/22
    Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
      94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026
    JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
      180522P000136; 180618P000070
    Language of Document: English
  Patent (No, Kind, Date): US 5526328 A
                                           19960611
    RECORDING AND REPRODUCING APPARATUS WITH VARYING AMOUNTS OF DATA IN
      DIFFERENT TRACKS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE
                                                                  (JP); KOUDO
      TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI
                                                                  (JP);
    TANAKA MICHIRO (JP); TAN SATOSHI (JP)
Priority (No, Kind, Date): US 184117 A 19940121; JP 9213809 A
      19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
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19920326; JP 92111176 A
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   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; US
   9709 A2 19930127
 Applic (No, Kind, Date): US 184117 A 19940121
 National Class: * 369013000; 369032000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G
   01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5555275 A
                                      19960910
 MULTI-THRESHOLD AND HIERARCHICAL TELEVISION SIGNAL TRANSMISSION SYSTEM
   Multi-threshold and hierarchical television signal transmission
   system (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 417269 A 19950405; JP 9162798 A
   19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A
               19910723; JP 9260739 A
                                        19920317; US 857627 B1
   19920325
 Applic (No, Kind, Date): US 417269 A
                                      19950405
 National Class: * 375261000; 375298000; 375324000; 332103000;
   329304000; 348724000; 348726000
 IPC: * H04L-005/12; H04L-023/02; H04L-027/22; H04L-027/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): US 5600672 A
                                    19970204
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP)
 Priority (No, Kind, Date): US 240521 A 19940510; JP 9162798 A
   19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317; JP 93132984 A
   19930510; JP 93261612 A 19930924; JP 93349972 A 19931227; JP
   9479668 A 19940324; US 857627 A2 19920325
 Applic (No, Kind, Date): US 240521 A 19940510
 National Class: * 375219000; 375270000; 375301000; 375321000
 IPC: * H04L-005/16; H04B-001/38
 Derwent WPI Acc No: * G 92-325674; G 94-103292; G 94-311606; G
   94-342258; G 95-387959; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): US 5682360 A 19971028
 RECORDING AND REPRODUCING APPARATUS FOR USE WITH A RECORDING MEDIUM
   HAVING AN OPTICAL RECORDING LAYER AND MAGNETIC RECORDING LAYER
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809 A 19920129; JP 9242558 A
   19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
   92111176 A
               19920430; JP 92194450 A 19920722; JP 92280874 A
   19920925
 Applic (No, Kind, Date): US 9709 A 19930127
 National Class: * 369013000; 360059000; 360114000
 IPC: * G11B-011/00; G11B-005/127
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5699331 A
                                      19971216
 APPARATUS OPERATING WITH RECORDING MEDIUM ACCORDING TO POSITIONAL
    INFORMATION OF A SECRET CODE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 534771 A 19950927; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
   9268031 A
                19920326; JP 92111176 A 19920430; JP 92194450 A
                            19920925; JP 938596 A 19930121; JP
   19920722; JP 92280874 A
   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A
                                                      19931119; JP
   94104879 A 19940418; JP 94156089 A 19940707; US 281337 A3
   19940727; US 184117 A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 534771 A 19950927
 Addnl Info: 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
   96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5761301 A
                                      19980602
 MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK,
   REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL
   DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
   19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): US 560015 A
                                       19951117
 National Class: * 380004000; 369272000; 235494000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): US 5802241 A
                                      19980901
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 706376 A 19960830; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A
                                                     19930325; JP
                19930510; JP 93261612 A 19930924; JP 93349972 A
   93132984 A
   19931227; US 217895 B1 19940325; US 126589 A2 19930927; US 37108
   A2 19930325
 Applic (No, Kind, Date): US 706376 A
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 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5805551 A
                                      19980908
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
    INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): US 845794 A
                                        19970425; JP 94104879
    19940418; JP 94283415 A 19941117; JP 94327963 A
                                                       19941228; JP
                19950201; JP 9516865 A
                                         19950203; US 423668 A3
    9515318 A
   19950418; US 281337 A2 19940727
 Applic (No, Kind, Date): US 845794 A
                                      19970425
 Addnl Info: 5473584 19951205 Patented
 National Class: * 369059000; 369047000; 369048000; 369058000;
    360048000
  IPC: * G11B-007/00
  Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
    96-268785; G 01-018026
  Language of Document: English
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Patent (No, Kind, Date): US 5807640 A
                                      19980915
 OPTICAL RECORDING MEDIUM, REPRODUCING SYSTEM, METHOD OF REPRODUCING
   OPTICAL DISK, METHOD OF FABRICATING OPTICAL DISK ORIGINAL RECORD, AND
   METHOD OF STOPPING ILLEGAL PROGRAM OPERATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
                                                        (JP)
 Priority (No, Kind, Date): JP 93335165 A 19931228; JP 9422191
   19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
                19941202; WO 94JP2304 W 19941228
   94299508 A
 Applic (No, Kind, Date): US 507495 A 19950828
 National Class: * 428064100; 428064200; 428064400; 428913000;
   369275100; 369284000
 IPC: * B32B-003/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): US 5819000 A
                                      19981006
 MAGNETIC RECORDING AND PLAYBACK APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                          19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): US 37108 A
                                      19930325
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5881038 A
                                      19990309
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
   INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): US 423668 A 19950418; JP 94104879
   19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
                19950201; JP 9516865 A 19950203; US 281337 A2
   19940727
 Applic (No, Kind, Date): US 423668 A
                                      19950418
 National Class: * 369059000; 369084000; 369058000; 369054000;
   369047000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): US 5892879 A 19990406
 COMMUNICATION SYSTEM FOR PLURAL DATA STREAMS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 126589 A
                                        19930927; JP 9267934 A
   19920326; JP 92256070 A
                            19920925; JP 9366461 A 19930325; JP
   93132984 A 19930510; US 37108 A2 19930325
 Applic (No, Kind, Date): US 126589 A 19930927
 National Class: * 386046000; 348726000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5959948 A 19990928
 RECORDING AND REPRODUCING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): US 970162 A 19971113; JP 9213809 A
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   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
   93349972 A 19931227; JP 94104879 A 19940418; JP 94156089 A
   19940707; US 534771 Al 19950927; US 281337 A3 19940727; US 184117
   A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 970162 A
                                       19971113
 Addnl Info: 5699331 Patented; 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G
   95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5999569 A
                                      19991207
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 61979 A 19980417; JP 9267934 A
   19920326; JP 92256070 A 19920925; US 37108 A3 19930325
 Applic (No, Kind, Date): US 61979 A 19980417
 Addnl Info: 5819000 Patented
 National Class: * 375265000; 348608000; 348607000; 348726000
 IPC: * H04L-027/28; H04L-005/12; H04L-023/02
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6049651 A
                                      20000411
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 64147 A 19980422; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US
   126589 A3 19930927; US 37108 A1 19930325
 Applic (No, Kind, Date): US 64147 A 19980422
 Addnl Info: 5892879 Patented; 5819000 Patented
 National Class: * 386046000; 386123000; 348726000
 IPC: * H04N-005/91; H04N-007/015; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6052465 A 20000418
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                        (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): US 649411 A 19960516
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6081785 A
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 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYTOCOMMUNICATION
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SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A 19960809; WO 96JP2924 W
 Applic (No, Kind, Date): US 849468 A 19970609
 National Class: * 705001000; 380201000; 369272000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6122373 A
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
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   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
                                         19990923; JP 95261247 A
 Priority (No, Kind, Date): US 404506 A
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 Applic (No, Kind, Date): US 404506 A 19990923
 National Class: * 380004000
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6125181 A 20000926
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 404639 A 19990923; JP 95261247 A
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 Applic (No, Kind, Date): US 404639 A 19990923
 National Class: * 380002000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6128388 A
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 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
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   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 401114 A 19990922; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 401114 A 19990922
 National Class: * 380059000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6141419 A
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 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
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   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441338 A 19991116; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441338 A 19991116
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National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6144742 A
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 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 401669 A 19990922; US 649411 A3
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 Addnl Info: 6052465 Patented
 National Class: * 380004000
 IPC: * H04L-009/00
 Language of Document: English
Patent (No, Kind, Date): US 6160888 A
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 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441337 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441337 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6175629 BA 20010116
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
                                                         (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   SHINICHI
 Priority (No, Kind, Date): US 441357 A 19991116; JP 95261247 A
   19951009; JP 968910 A
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 Applic (No, Kind, Date): US 441357 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6208736 BA 20010327
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441021 A 19991116; JP 95261247 A
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   19951009; JP 968910 A
 Applic (No, Kind, Date): US 441021 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6229896 BA 20010508
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OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
     REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
     FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
     MANUFACTURING AN OPTICAL DISK (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                            (JP); TANAKA
     SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
    Priority (No, Kind, Date): US 440782 A 19991116; JP 95261247 A
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   Applic (No, Kind, Date): US 440782 A 19991116
   National Class: * 380203000; 380201000; 713193000; 705051000;
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    IPC: * HO4N-007/167
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: English
  Patent (No, Kind, Date): US 6243330 BA 20010605
   MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT
     INFORMATION (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): US 305318 A
                                          19990505; JP 9213809 A
     19920129; JP 9242558 A 19920228; JP 9250328 A
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     19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
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                                                          19931119; JP
                   19940418; JP 94156089 A 19940707; US 970162 A3
     94104879 A
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     A2 19940121; US 9709 A2 19930127
   Applic (No, Kind, Date): US 305318 A
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     5526328 Patented; 5682360 Patented
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     96-062972; G 98-181451; G 01-018026
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     180522P000136; 180618P000070
   Language of Document: English
UNITED STATES OF AMERICA (US)
  Legal Status (No, Type, Date, Code, Text):
                       19950828 US REFW
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                          MATSUSHITA ELECTRIC IDNUSTRIAL CO., LTD.
                          1006, OAZA KADOMA KADOMA-SHI, OSAKA, JA;
                          OSHIMA, MITSUAKI: 19940906
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                          MITSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
                          1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA;
                          OSHIMA, MITSUAKI: 19940317; SHIMIZU, RYOSUKE
                          : 19940317; KOUDO, TOSHIKAZU : 19940317;
                          YOSHIURA, TSUKASA: 19940317; MAT: 19940317;
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                          MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
                          KADOMA-SHI 1006, OAZA KADOMA OSAKA, JAP ;
                          OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE
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                          YOSHIURA, TSUKASA: 19940317; MAT: 19940317;
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	5555275		JP 19910425	9162798 US AA	Α	19910327 PRIORITY	(PATENT)		
	5555275	Р	JP 19910529	9195813 US AA	A	PRIORITY 19910425 PRIORITY	(PATENT)		
	5555275	P		91155650) A	19910529			
	5555275	P	JP 19920317	91182236 US AA	5 A	19910723			
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	5555275			857627	В1	19920325	ION DATA	(PATENT)	
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			US	417269	Α	19950405			
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	5600672	P	19910327 JP	US AA 9162798	Α	PATENT PRIORITY 19910327	(PATENT)		
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US	5600672	P	19931227 JP	US AA 93349972	2 A	PRIORITY 19931227 PRIORITY			
US	5600672	P	JP	9479668	Α	19940324	(PATENT)		
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US	5600672	Р	19961010 IN: MA: 100 MI:	US AS02 PEREST PSUSHITA D6, KADOM PSUAKI :	ELEC 1A OS	ASSIGNME CTRIC INDUS SAKA, JAPAN 50910; SAKA	TRIAL CO. 571; OS	, LTD. HIMA,	
110	5.00.072	D		960910		מוניאות מי			
	5600672 5600672	P P	19970204 19990420	US A		PATENT REISSUE	א מסמד דר א יידע	א בדובה	
US	3000072	r	(RI	EISSUE AF			AFFLICATION	ON FILED	
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US	5682360	P	19920129 US AA PRIORITY (PATENT) JP 9213809 A 19920129	
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US	5682360	P	19920309 US AA PRIORITY (PATENT) JP 9250328 A 19920309	
US	5682360	P	19920326 US AA PRIORITY (PATENT) JP 9268031 A 19920326	
US	5682360	P	19920430 US AA PRIORITY (PATENT)	
US	5682360	P	JP 92111176 A 19920430 19920722 US AA PRIORITY (PATENT)	
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US	5682360	P	JP 92280874 A 19920925 19930127 US AE APPLICATION DATA (PATENT) APPL. DATA (PATENT))	(
US	5682360	P	US 9709 A 19930127 19930302 US ASO2 ASSIGNMENT OF ASSIGNOR'S INTEREST	
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;	
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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
 Patent (No, Kind, Date): WO 9518443 A1 19950706
   OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
     REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
     DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
      (English)
   Patent Assignee:
                      MATSUSHITA ELECTRIC IND CO LTD (JP); UENO FUMIAKI
      (JP); OSHIMA MITSUAKI (JP)
   Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 93335165 A 19931228; JP 9422191 A
                                   19940418; JP 94156089 A 19940707; JP
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                               G11B-020/12; G11B-013/04;
                G11B-007/007;
                                                           G11B-007/00;
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   Language of Document: Japanese
  Patent (No, Kind, Date): WO 9528704 A1 19951026
   METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
     INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
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19920309 US AA

JP 9250328 A

PRIORITY (PATENT)

19920309

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US 6243330

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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
 Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
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 Applic (No, Kind, Date): WO 95JP760 A 19950418
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   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
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 Language of Document: Japanese
Patent (No, Kind, Date): WO 9616401 Al 19960530
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
 Priority (No, Kind, Date): JP 94283415 A
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   19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): WO 95JP2339 A
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 Filing Details: WO 100000 With international search report
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   97-236119; G 96-268785
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9714144 Al 19970417
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
      (JP); GOTOH YOSHIHO
                            (JP); TANAKA SHINICHI (JP); KOISHI KENJI
    (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
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   YOSHINARI
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): WO 96JP2924 A
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 Language of Document: Japanese
Patent (No, Kind, Date): WO 9714146 A1 19970417
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
   REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                      GOTOH YOSHIHO; OSHIMA MITSUAKI; TANAKA SHINICHI;
 Author (Inventor):
   KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 95261247
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 Applic (No, Kind, Date): WO 96JP1303 A
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     DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
     RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
     RECORDING DEVICE (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
         (JP); KONISHI SHINICHI (JP); TANAKA SHIN ICHI (JP); KOISHI KENJI
         (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA
     YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
   Author (Inventor): OSHIMA MITSUAKI
                                         (JP); KONISHI SHINICHI
      TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
      GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
     MURAKAMI MOTOYOSHI (JP)
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                                            EP: PCT APP. ART. 158 (1)
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LEVEL 1 - 1 OF 1 PATENT

5,802,241

LEXIS-NEXIS
Library: PATENT
File: ALL

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Sep. 1, 1998

Communication system

REISSUE: Reissue Application filed Oct. 30, 2000 (O.G. Apr. 3, 2001) Ex. Gp.: 2712; Re. S.N. 09/698, 367

Reissue Application Filed Aug. 31, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2712; Re. S.N. 09/653,482

Reissue Application filed Oct. 30, 2000 (O.G. Dec. 26, 2000) Ex. Gp.: 2712; Re. S.N. 09/698,367

CORE TERMS: stream, digital, carrier, transmitter, video, reproduced, decoder, channel, input, multi-level...

5802241 OR 5,802,241

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5802241 OR 5,802,241

LEXIS-NEXIS
Library: PATENT
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5802241 OR 5,802,241

LEXIS-NEXIS
Library: NEWS
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1/5 LGST (1/1) - (C) LEGSTAT PN - US 5802241 [US5802241] - US 706376/96 19960830 [1996US-0706376] DT - US-P ACT - 19960830 US/AE-A APPLICATION DATA (PATENT) {US 706376/96 19960830 [1996US-0706376]} - 19980901 US/A PATENT - 20001226 US/RF REISSUE APPLICATION FILED 20001030 - 20010102 US/RF REISSUE APPLICATION FILED 20000831 - 20010403 US/RF REISSUE APPLICATION FILED 20001030 UP - 2001-16 2/5 CRXX (1/1) - (C) CLAIMS/RRX AN - 3033592 - 5,802,241 A 19980901 [US5802241] - Matsushita Electric Industrial Co Ltd JP - E (Electrical) ACT - 20000831 REISSUE REQUESTED ISSUE DATE OF O.G.: 20010102 REISSUE REQUEST NUMBER: 09/653482 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2712 Reissue Patent Number: - 20001030 REISSUE REQUESTED ISSUE DATE OF O.G.: 20001226 REISSUE REQUEST NUMBER: 09/698367 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2712 Reissue Patent Number: - 20001030 REISSUE REQUESTED ISSUE DATE OF O.G.: 20010403 REISSUE REQUEST NUMBER: 09/698367 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2712 Reissue Patent Number: UP - 2000-52 UACT- 2001-04-03 3/5 PAST (1/3) - (C) PAST AN - 200114-001929 PN - 5802241 A [US5802241] DT - A (UTILITY)

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ACT - REISSUE APPLICATION FILED

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